

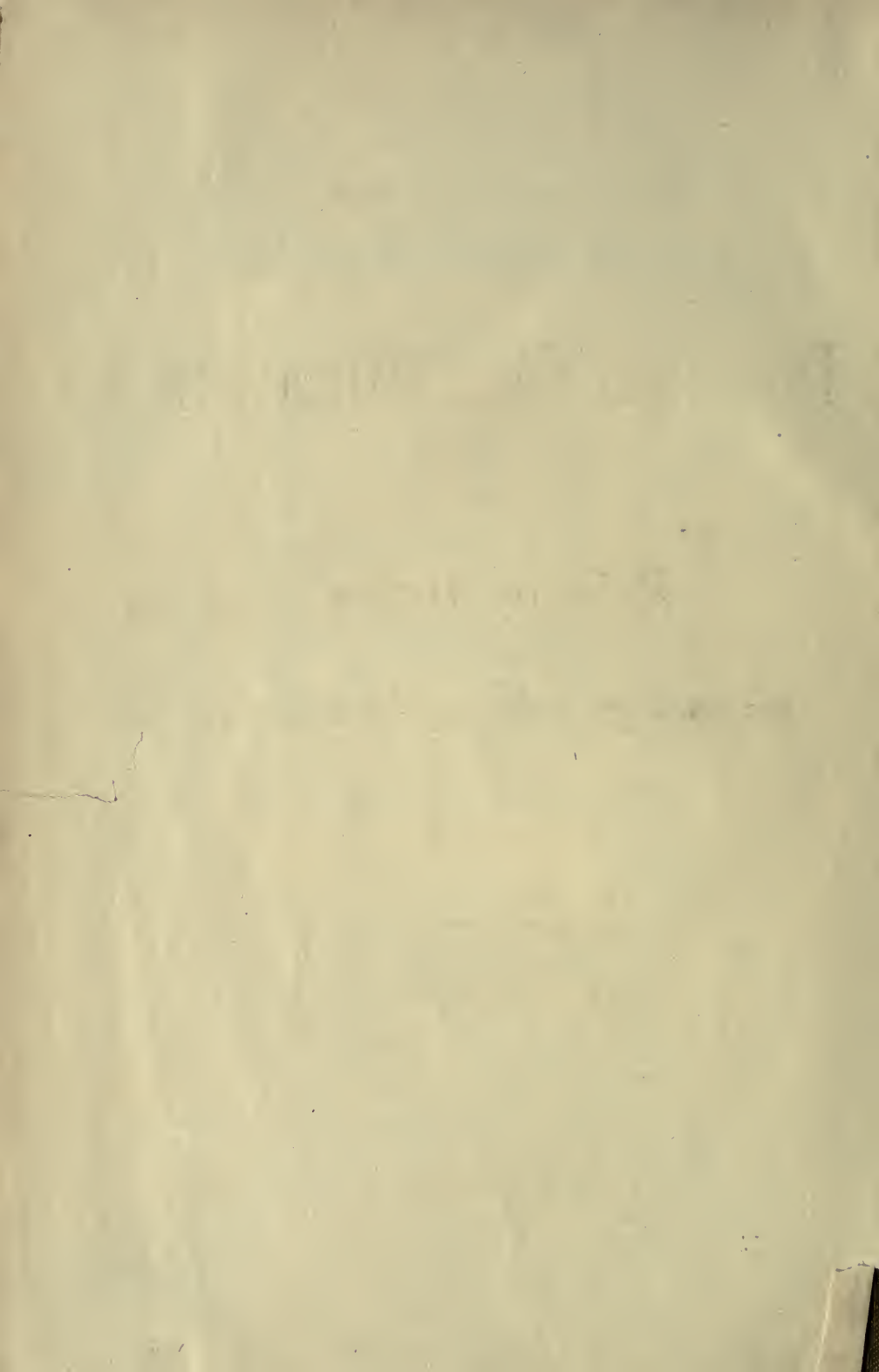
EX LIBRIS

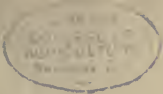
MAIN LIBRARY-AGRICULTURE DEPT.

Z 696  
D 5  
1915

WILLIAMS JUNIOR COLLEGE

allotment 117  
class 7715  
manuscript 117  
writing 773  
manuscript 779  
class 777





To learn to classify is in itself an education  
*Alex. Bain*

---

# Decimal Classification

and

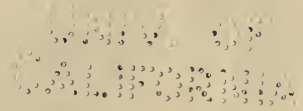
## Relativ Index

for libraries, clippings, notes, etc.

Edition 9, revized

By

Melvil Dewey MA LL D



Forest Press  
Lake Placid Club N Y

1915



Simpler speling uzed

## Decimal Clasification

Corrections and aditions in Editions 10 and 11

### To owners of Decimal Clasification

Supplementing similar lists for Editions 2-9, sent to recorded owners of Editions 1-8, the following lists include corrections and aditions in Editions 10-11

The only way to make these corrections of *any value* is to clip them and insert them in their respectiv places in yur copy of the Clasification, or, when chanjes ar slight, make them with pen. Index corrections, being in all cases short, ar best made with pen, and ar therefore printed on both sides of the paje; *when printed on back of corrections for tables* (see p. 13-14 and 29-30) *the index corrections should be made before the corrections for tables*, to allow for clipping the latter without losing the former

Please send, for benefit of others, any further corrections and aditions which yu note as desirabl, address

Dorcas Fellows  
Editor, Decimal Clasification  
State Library, Albany, N Y

Edition 11, revized and enlarjd, was issued in Nov. 1922; cloth \$8, Chivers duroflexil half niger \$9. Copies with tabs for either tables or index may be had for 50 cents extra; for both tables and index, \$1 extra

## Edition 10: tables

## Corrections, additions and notes, in numeric order of tables

Words in italics are explanatory or quoted from tables to show connection only. Heds and notes without any italics are to be inserted in their numeric place, preferably by clipping, then mounting on margin and drawing tracer to proper point of insertion. In your copy find each of the numbers below and correct the heading belonging to it to agree with this list; e.g. in the heading for 022.69 change Residence rooms to Residence quarters; insert as new heading, 027.42 Special kinds of public libraries, with its note; on 027.7 add university to heading, also add note. If in doubt ask editor for fuller explanation

- 021.65  
     *At end of note add* Book wagon
- .74  
     *Note* Discussion of use of *newspaper* columns (*editorials, articles, letters, new book lists, etc.*) to secure interest
- 022.68 Other *rooms Lavatories, etc.*  
     For health, comfort or convenience
- .69 *Residence* quarters  
     Counters  
     Magazine and *newspaper racks, files, etc.*
- 025.125  
     *At end of note add* ; for newspaper publication of new book lists, see 021.74
- .17  
     *Note* For general discussions of arrangement, care and use.
- .171 *Manuscripts, archives and rarities*
- 027.42 Special kinds of public libraries  
     General discussions of county or rural libraries, etc.
- .7 *College, university*  
     For libraries of professional and technical schools see 026
- 091  
     *Note* After *Photographs of mss ad* , when more valuable for subject matter,
- 137 Personality  
     *Temperaments, idiosyncrasy*
- 174.4 *Merchants Business men* Business virtues and vices  
     .5 *Speculation* Mammonism Avaris  
     .6 *Gambling* Lotteries  
         *See also 175 below*  
     .7 Honor, honesty Dishonesty  
         *Compact, promis; chicanery, trickery*
- 177.5  
     *Note* After *Brahmanism ad* , and 323.31 Nobility, wealthy class
- 178.6 Inebriates  
     *Discussion, reformation.* For reformatories and inebriate asylums see 362.8
- 179.2 Cruelty  
     *Note* Omit Including and supply Societies for preventing cruelty to children and also
- 230  
     *Note* Ad  
     Class here polemics either offensive or defensive, when distinctly doctrinal; but class in 280 history of a sect, even if largely controversial and of a limited period. Class controversy about a special doctrine with its subject; e.g. controversy on the atonement 232.3
- 252  
     *Note* When too varied for any of the subheads .1-9, may be divided with .0 by churches and sects, like 280: e.g. protestant episcopal sermons 252.03, but a collection of bishop's addresses 252.1.



266

*Note* See also 269 Parish missions; 377.6 *Missionary schools*  
*Missions in special countries or places* covering the work of several sects go under the *geography divided Religious history* 274-279. The mission of a single sect in a special country or place goes with the history of the sect in 282-289

271.1 *Benedictines* founded A.D. 529

.12 Cistercians " " 1098 (See 271.72 ed. 9)

.125 Trappists " " 1150 (See 271.74 ed. 9)

.36 Capuchins " " 1525 (See 271.74 ed. 9)

.72 *Transferd to .12 above*

.74 " " .125 &amp; .36 above

286 *Baptist* Immersionist.1 *Calvinistic* or Regular

Including Arminian or general baptists, reunited with Calvinistic in 1891

.4 Old school (Primitiv, Antimission or Hardshel)

.5 Other baptist sects

May be class if preferd with any of the larjer sects which they most closely resemble or of which they ar offshoots

.6 Disciples (Campbellite or Christian)

.7 Adventists

.9 Other immersionists

287.7 Methodist protestant

289 Other *Christian sects*.2 *Transferd to 286.6*

.3 " " 286.7

.5 Christian science (*Catholic apostolic transferd to .9*)

.9 Minor Christian sects

320.8 Polygrafy

328.22

*Note* Uniformity of law on same subject in different states or countries

332 Private finance

.3 *Loan institutes* and special loans.4 Money *Coins* and *coinage*

333.5

*Note* Clas here general works on rent.7 Special classes of land: *forests*, pasture, waste

.9 Water rights: litoral, riparian, irrigation

336 Public *finance*

Federal and state. For local finances see 352.1

.14

*Note* *Chanje* 379.12 to 379.123.23 *Personal* property.27 *Excise, licenses*, special taxes

Liquor, dog, legacies, stamp duties

For other relations see License in Relativ index following tables

339

*Note* Conservation; restrictions on use or waste of materials, including general works covering natural resources. See also Pauper, Pauperism, Welth, in Relativ index following tables342.3 *Systems*, commentaries

355.2 Military resources

.21 Preparedness

Rediness of resources for mobilization

.22 Men Recruitment

*Note* like note to .2 in ed. 9

.23



- 355.24 Raw material  
Agricultural, mineral, etc.
- .25
- .26 Manufactures, industries
- .27 Transportation  
Roads, railroads, canals, ships
- 362.6 *Aged* Infirm Bereft  
Mothers pensions Aid in cases of death
- .7  
*Note* Child welfare
- 369.186 Societies arising from Great war of 1914-19
- 371.3 *Methods of instruction* and study
- .33 *Lectures* Oral and visual instruction
- .335 Visual instruction Lantern slides
- .38 *Laboratory method*
- .916 Crippled
- 374  
*Note* Omit Choice of vocation... for life
- .1  
*Note 2* Change 374.1 to 374.19  
" 374.1942 to 374.19942  
" 374.102 to 374.1902  
*Note 4* Vocational guidance Choice of vocation is clast here becauz usually discust with self education and closely related to it and preparation for lite, and is also often determnd thru personal advice or conversation
- .25  
*Note Ad* 371.392, 371.393
- .28 Community centers  
Whole community as a club of varied interests. Put here discussion of use of school bildings for various community purposes
- 378.36 *Student* income and expenses
- .362 Loan funds Student aid societies
- .364 College employment bureaus Faculty committees  
Other organizations for securing work for students
- .365 Student earnings  
Working way thru college Ways of earning
- .368 Student expenses: extravagance, economy
- 380  
*Note* Public utilities. *The technical side of these questions goes mostly in 650 Useful arts. Here belong discussions of social and political relations.*
- .16 Government control of public utilities
- 388 Local transit: city and interurban
- 551  
*Note* Including geophysics (physiografy, physical geografy) and geochemistry broadly treated; see also 551.94. For Cosmic geografy, see 523
- .5 *Meteorology* Climate
- .56 Omit
- .94 Geochemistry  
Chemic changes: heat. See also note to 551
- 572.7 Savages: races divided by practises  
Clas description of savages of special cuntry in 914-919; e.g. Australian bushmen 919.4
- 613.94 *Stirpiculture* Eugenics
- 614.142 Vacant
- .143 Vacant
- .146 Mortality of different occupations  
See also 613.6
- .147 Mortality from special diseases: Cauzes of death
- .15 Morbidity
- .16 Vacant



- 615.82 *Manipulation* Exercise  
 Massage, osteopathy, curativ gymnastics. *See also* hygiene 613.71 *Gymnastics*
- .84 *Ad* Radiotherapy
- .851  
*Note* Mental condition as affecting disease; occupation as remedy
- 621.3313 *Omit*
- 627  
*Note* *See also* 624.157 and 721.17 Subaqueous foundations
- 628.3 *Sewage* and its *disposal*
- .44 *Domestic ashes, garbage* and refuse
- 630 *Agriculture*  
*The headings given below constitute a 4-figure outline of additions, the detailed development of which, together with that of the 4-figure divisions previously used, covers 48 pages*
- .1 Rural life
- .6 *Societies, clubs, conferences*
- 631 *The farm, farmstead* *Soil*
- .1 Farm economics
- .2 Farm bildings
- .3 Farm machinery
- .4 Land, soil
- .5 Tillage and farm operations
- .6 Reclamation Drainage
- .7 Irrigation, water supply
- .9 Climate, roads, etc.
- 632 *Hindrances: blights, pests, insects*
- .1 Elemental destruction Protection
- .2 Galls Cecidiology
- .3 Bacteria and bacterial diseases
- .4 Fungi
- .5 Parasitic and injurious plants
- .6 Injurious animals
- .7 Injurious insects
- .8 Diseases and injuries
- .9 Means of protection
- 633 *Field crops: grains, grasses, fibers, etc.*
- .2 Forage crops: grasses
- .3 " " legumes, etc.
- .4 Root crops
- .5 Textil fibers, cordage, plaiting, basket, etc.
- .6 Sugar plants and starch
- .7 Alkaloidal plants
- .8 Perfumes, spices, condiments, etc.
- 636.2 *Cattle* Greater ruminants
- .3 *Sheep, goats* Smaller ruminants
- .9 *Camels transferd to* 636.2
- 637.2 Butter
- .3 Cheese
- 655.32 *Press work: making ready* Color printing *Culs*
- 656

*Note* Running of trains, train and boat timetables, luggage and freight handling, lists of sailings: crews and shifts, disciplin, etc.

For mekanical interrelations of trak and rolling stok see 625.2

For reports, government regulation, rate skedules, etc. see 385 for railroads, 386 for canal and 387 for river and ocean transportation



- 695.1 Wood: *shingle*  
737  
Note Artistic and historic side. See also 332.4 Coins and coinage, as money
- 744  
Note Instructions for arkitectural and other mathematical drawing, with demonstrations (if any) subsidiary  
Textbooks with mathematical demonstrations in scientific order ar better in 515
- 772 Processes  
Silver: daguerreotype, talbotype  
Collodion: ambrotype, etc.  
Dry plate  
Color fotografy
- 773 Gelatin and pigment: woodburytype  
Carbon: lambertype, autotype, etc.
- 774 Gelatin and printers ink  
Albertype, heliotype, artotype, etc.
- 810  
Note Includes Canadian English, which may bc kept separate by prefixing C; e.g. C811  
Canadian poetry
- 811.44 *Winter, William 1836-1918*
- 813.46 *James, Henry 1843-1916*
- 820  
Note Canadian literature may be clast as British, if preferd, but separated by prefixing C to 820. See note to 810
- 839.746 6 *Karl Rupert Nyblom 1832-1907*  
.776 5 *Gunnar Wennerberg 1817-1901*
- 841.86 *Deroulède, Paul 1846-1914*
- 922.6 *Baptist Immersionist*  
.82 *Omit*  
.83 "  
.85 Christian science (*Omit Catholic apostolic*)
- 940 *Europe*  
*From fall of Western empire (Rome) A. D. 476*
- .1 *Medieval Europe 476-1453*  
*For Byzantine empire see 949-5*
- .11 *Rise of new nations 476-800*
- .14 *Age of feudalism 800-1100*  
*See also 321.3 Feudalism (Political science)*  
*Charlemagne 768-814*  
*Norman conquests*
- .17 *Age of chivalry 1100-1453*  
*To fall of Eastern empire (Constantinople) 1453*
- .18 *Crusades 1096-1270*  
*See also church history, 270.4-5*
- .2 *Modern Europe 1453-*
- .21 *Renaissance period 1453-1517*  
*Discoveries and inventions*
- .22 *Age of the reformation 1517-1789*
- .23
- .24 *30 years war 1618-48*
- .25
- .26
- .27 *Napoleonic period 1789-1815*
- .28 *19th century 1815-1914*
- .29





- 940.3 Great war 1914-19  
*A somewhat more detailed expansion is printed in ed. 10*
- .31 Political history
- .32 Diplomatic history  
 See also 940.31-314 Political history
- .33 Groups of countries: allies and neutrals  
 As a body; for individual countries see 940.34-39
- .34-39 Individual countries  
 Divided like 940-999  
 Under each country further subdivision may be made with the following numbers, if its part in this war is classed here instead of with the rest of its history:
- 01 Political history Causes
  - 02 Diplomatic "
  - 03 Local (states, counties, provinces, cities)
  - 04 Military organization  
 Class operations in 940.4
  - 05 Aspects: economic and other
  - 06 Celebrations
  - 07 Prisons, etc.
  - 08 Personal narratives
  - 09 Illustrative
- .4 Military history  
 Including frightfulness, atrocities as military expedient
- .41 Land operations
- .42-43 Special campaigns and battles
- .44 Air warfare
- .45 Naval history
- .46 Celebrations, commemorations  
 Usually better classed with event commemorated  
 For American patriotic societies of this war see 369.186
- .47 Prisons, hospitals, charities
- .48 Personal narratives, secret service
- .49 Illustrative material  
 Subdivided like 973.79  
 For special collections; but most material should be classed with its subject; poetry, drama, etc. with the literatures to which they belong
- .5 Later 20th century  
 Including works on 20th century as a whole
- .6-913 *Material transferred to .21-5*
- 943.08 *New German empire 1866-1918*  
*William 2 1888-1918; Great war 1914-19 and downfall of empire*
- .085 German republic 1918-
- .1  
*Note* By peace of Versailles, 1919, most of Posen (.13) and parts of East Prussia (.11), of West Prussia (.12) and of Silesia (.14) were restored to Poland. Danzig (.12) as port of Poland made free city with 729 sq. mi. of territory
- .4  
*Note* In 1919 by peace of Versailles 382 sq. mi. of Rhenish Prussia (.42) including Moresnet, Malmédy and Eupen were ceded to Belgium, and 783 sq. mi. of Saar valley to France, subject to plebiscite in 1934. Alsace (.44) and Lorraine (.45) taken from France in 1871 were restored. See 944.38
- .5  
*Note* By peace of Versailles in 1919 part of Schleswig-Holstein (.51) was restored to Denmark
- .6  
*Note* A note on the assignment of former Austrian territory, as provided for by the peace of Versailles, was included in ed. 10, but omitted from ed. 11 because of changes made by the treaty of St Germain and resulting uncertainty as to boundaries, but according to *Statesman's yearbook for 1923*, Tyrol (.64) is retained by Austria, Carniola (.67) and Istria (.68) were ceded to Italy, and Dalmatia (.69) to Yugoslavia



- 943.7 Czechoslovakia  
     .71 Bohemia .72 Moravia .73 Silesia .74 Galicia .75 Bukowina
- .8 Poland Including history before the division  
     Extinct as state from 3d partition in 1795 til 1919, when its sovereignty was restored by the peace of Versailles. See also 943.11-14, 943.73-74 and 947.4-5
- .9 Hungary, etc.  
     By the peace of Versailles 1919 the union of Transylvania (.92) with Rumania in 1918 was confirmed; Fiume (.94) was made independent, subject to plebiscit in 4 years; Slavonia (.93) Croatia (.94) Bosnia (.95) and Herzogovina (.96) wer recognized as part of Jugoslavia (949.7)
- 944.3 Champagne Ile de France Lorraine  
     .38 Lorraine (Alsace-Lorraine): .381 Meuse .382 Meurthe et Moselle .383 Alsace (But use .38 for Alsace and Lorraine together)  
     See also 943.44-45 .39 Vosges
- 947.08 Nicholas 2 1894-1917  
     Revolution 1917
- 949.7 Jugoslavia: Serbia, Montenegro Bulgaria  
     .8 Rumania: Wallachia, Moldavia, Dobruja

## Edition 10: index

### Corrections and additions

Accidents			
<b>industrial</b>		<b>614.83</b>	
police mesures	<i>ch fr .74 to</i>	351.78	
Adventists, second			
biog.	<i>ch fr .83 to</i>	922.6	
sect	<i>ch fr 289.3 to</i>	286.7	
Aerial			
operations	Great war 1914-19	940.44	
Agencies			
student aid	<i>ch fr .37 to</i>	378.364	
Aid			
societies	student	<i>ch to</i>	378.362
Ain, France	history	" "	944.44
Air			
operations	Great war 1914-19	940.44	
Alderney island	travel	914.234	
<b>Alkaloidal plants</b>	<b>agric.</b>	<b>633.7</b>	
Alloys	tests	620.18	
Alsace	French hist.	944.383	
Alsace-Lorraine	French hist.	944.38	
Animals			
traind		791	
Antimission baptists	sect	286.4	
Antitrust tests	engin.	620.1122	
Aquatic rights	pol. econ.	333.9	
Arminian baptists	sect	286.1	
Art			
freedom	pol. sci.	323.447	
Austerlitz	Eur. hist.	<i>ch fr .8 to</i>	940.27
Avaris	ethics	<i>ch fr 179.8 to</i>	174.5
Barrels	manufacture	674	
Battles			
Great war 1914-19		940.42	
Buildings			
<b>farm</b>		<b>631.2</b>	
Blowpiping			
rock analysis	chemistry	543.6	
Bolshevism	Russian hist.	947.08	
	sociology	335	
Book wagon	library econ.	021.65	
Bounties	army	<i>ch to</i>	355.22
Brick			
pavement		625.82	
vitrified	pavements	625.87	
Business			
vices		174.4	
Calsomining		698.2	
Canada			
literature,	<i>see</i> 810 note and 820 note		
Capuchins	religious hist.		
	<i>ch fr .74 to</i>	271.36	
Care of			
<b>farm machinery</b>		<b>631.3</b>	
Catalogs			
universal		011	
	<i>see also</i> Bibliografy		
Celebrations			
<b>Great war 1914-19</b>		<b>940.46</b>	
Censorship of			
press	pol. sci.	<i>ch to</i>	323.445
<b>Charities</b>	<b>Great war 1914-19</b>	<b>940.47</b>	
Charlemagne			
age of	Eur. hist.	<i>ch fr .3 to</i>	940.14
Chase	printing	655.27	
Cheating	ethics	<i>ch to</i>	174.7
Chicanery	"	174.7	
Child welfare		362.7	
Chimneys	architecture	729.35	
Chivalry			
age of	Eur. hist.		
	<i>ch fr .4 to</i>	940.17	
'Chosen	history	951.9	
	travel	915.19	
Christian			
connection	sect	286.6	
science	church		
	<i>ch fr .9 to</i>	289.5	
	biografy	922.85	
Christians			
sect	<i>ch fr 289.2 to</i>	286.6	
biog.	<i>ch fr .82 to</i>	922.6	
Church			
<b>and state persecutions</b>		<b>272</b>	
Cicada	systematic zool.	595.75	
Cistercian monks	<i>ch fr .72 to</i>	271.12	
Clean-up week	sanitation	628.44	
Clubs			
boys	sociology	369.42	
girls	"	369.46	
College			
education,	cost of		
	<i>ch fr .38 to</i>	378.368	

Color									
fotografy		772							
printing		655.32							
suffrage			<i>ch to</i>	324.15					
Commemorations									
<b>Great war 1914-19</b>		<b>940.46</b>							
Community centers				374.28					
Competitions									
school				371.535					
Confinement									
<b>obstetrics</b>		<b>618.4</b>							
Conscience									
freedom	pol. sci.			323.442					
Conservation of national resources									
<b>natural</b>	"		<i>ch fr 333 to</i>	339					
<b>natural</b>	"	<b>333</b>							
Conservatism				137					
Consumption									
productiv	pol. econ.			339					
Cost									
of college educ.			<i>ch fr .38 to</i>	378.368					
Counters	lib. econ.			022.918					
County libraries				027.42					
Courts									
juvenil				364					
Cremation									
of garbage	sanitary engin.	628.44							
Crematories	pub. helth	614.62							
	sanitary engin.	628.44							
Crippled	education			371.916					
<b>Crop farming</b>		<b>633</b>							
Cruelty									
<b>ethics</b>		<b>179.2</b>							
internat'l law				341.3					
war customs				399					
<b>Crusades</b>	<b>Eur. hist.</b>								
			<i>ch fr .4 to</i>	940.18					
Curtsey	ethics			177.1					
	lib. econ.			023.96					
Cynicism				137					
<sup>1</sup> Czechoslovakia	hist.			943.7					
Deaconness	religious orders			271.99					
<b>Destruction</b>									
<b>elemental</b>	<b>agric.</b>	<b>632.1</b>							
Destructors	sanitary engin.	628.44							
Detonators									
projectil	chem. tech.	662.4							
Diplomatic history									
Great war 1914-19				940.32					
Disciples of Christ									
sect			<i>ch fr 289.2 to</i>	286.6					
biog.			<i>ch fr .82 to</i>	922.6					
Diseases									
bacterial	agric.	632.3							
mortality	pub. helth	614.147							
Dishonesty	ethics	174.7							
<sup>1</sup> Dobruja	history	949.8							
<b>Doctrins, relig.</b>	<b>theol.</b>	<b>230</b>							
<b>Drainage</b>	<b>agriculture</b>	<b>ch to 631.6</b>							
Drama									
<b>American literature</b>		<b>812</b>							
freedom	pol. sci.	323.446							
Earnings, student		378.365							
Economics									
<b>farm</b>		<b>631.1</b>							
Economy, student		378.368							
Educational									
measurements	elem. educ.	372.102							
paidology		136.702							
Electric									
methods	qual. analysis	544.9							
<b>quan.</b>	"	<b>545.3</b>							
Electro-analysis	qualitativ	544.9							
	<b>quantitativ</b>	<b>545.3</b>							
<b>Elemental destruction</b>	<b>agric.</b>	<b>632.1</b>							
Employers									
liability		331.82							
insurance		331.25							
Enlistment	army	<i>ch to</i>	355.22						
Ensilage									
<b>crops</b>	<b>agric.</b>	<b>633.3</b>							
Eugenics	hygiene	613.94							
<b>Evidences, Bible</b>		<b>220.1</b>							
Evolution									
apologetics		239.8							
religion and science		215							
Exercise									
curativ	therapeutics	615.82							
diaphoretics	"	615.743							
Expenses									
of college students		378.368							
Extravagance									
college students		<i>ch fr .38 to</i>	378.368						
Faculty									
student aid		378.364							
Feet									
care	hygiene	613.49							
Feudalism									
age of	Eur. hist.	<i>ch fr .3 to</i>	940.14						
<b>Fibers</b>	<b>agric.</b>	<b>ch to 633.5</b>							
<b>Fibrous materials</b>	<b>agric.</b>	<b>" " 633.5</b>							
Finance									
<b>private</b>	<b>pol. econ.</b>	<b>332</b>							
<b>public</b>	" "	<b>336</b>							

Fish			
commission	boats	623.826	
Flag etiquette		929.9	
<b>Flavoring plants</b>	<b>garden crops</b>	<b>635.7</b>	
Flies	pub. helth	614.43	
house	dom. econ.	648.7	
Flowers			
agriculture		635.9	
<b>Forage crops</b>	<b>grasses</b>	<b>633.2</b>	
	<b>legumes</b>	<b>633.3</b>	
Foren			
enistment	mil. sci.	<i>ch to</i> 355.22	
Format	printing	655.53	
Fotoplays			
amusements		792	
censorship	ethics	175.2	
fotografy		778	
scenario writing		808.2	
Fototelegrafy			
signals		654.9	
telegrafy		621.3827	
Funds			
student loans		378.362	
Fungi			
<b>pests</b>	<b>agric.</b>	<b>632.4</b>	
vegetables		635.8	
Galls	pests	632.2	
Games			
<b>hygiene</b>		<b>613.7</b>	
<b>Garden crops</b>		<b>635</b>	
Gardening			
flower	agric.	635.9	
Gears, valv			
<b>steam engin.</b>		<b>621.1342</b>	
Geochemistry	geology	551.94	
Geology			
<b>agricultural</b>		<i>ch to</i> <b>631.4</b>	
German			
baptist brethren	sect	286.5	
Ghouls	folklore	398.4	
Graft	business ethics		
		<i>ch fr .4 to</i> 174.7	
Grafting			
bridge	agric.	632.8	
Grain			
<sup>1</sup> Coast, Africa	hist.	966.6	
<b>Grains</b>	<b>agric.</b>	<i>ch to</i> <b>633.1</b>	
<b>Grasses</b>	"	" " <b>633.2</b>	
Great Britain			
colonies		<i>ch fr .242 to</i> 325.342	
<b>constitution</b>		<b>342.42</b>	
Great lakes	U S travel	917.7	
<b>war 1914-19</b>	<b>hist.</b>	<b>940.3</b>	
Grip	pub. helth	614.5	
Groveton, Va, battle of			
	<i>ch fr .7228 to</i> 973.7328		
Guidance, vocational		374.1	
Guinea pigs	dom. animals	636.9	
Gun			
boats	shipbilding	623.825	
Gyroscope	aerostation	629.166	
Hallucinations			
mind and body		133.2	
physiology		612.82189	
Hardshel baptists	sect	286.4	
Harth money	pol. econ.	336.27	
<b>Hay</b>	<b>agriculture</b>	<i>ch to</i> <b>633.2</b>	
Hearth money	pol. econ.	336.27	
Heating			
shipbilding		623.85	
<b>Heavy current engineering</b>		<b>621.31-37</b>	
'Hedjaz, Arabia	history	953.2	
<b>Herbs</b>	<b>garden crops</b>	<b>635.7</b>	
Honors			
<b>Great war 1914-19</b>		<b>940.46</b>	
Hospitals			
<b>Great war 1914-19</b>		<b>940.476</b>	
Housing			
of laboring classes		331.83	
Humanitarianism	sects	288	
	theol.	230.8	
<b>Iconografy</b>			
	<b>Christian</b>	<i>ch fr .247 to</i> 246	
Illinois, U S			
<b>travel</b>		<b>917.73</b>	
Illumination			
engineering		628.9	
Illustrativ			
<b>material</b>	<b>Great war 1914-19</b>	<b>940.49</b>	
	<b>U S hist. civ. war</b>	<b>973.79</b>	
	<b>Mex. "</b>	<b>973.629</b>	
	<b>revolu'n</b>	<b>973.39</b>	
	<b>war 1812</b>	<b>973.529</b>	
<b>Immersionists</b>	<b>sects</b>	<b>286</b>	
	<b>biog.</b>	<b>922.6</b>	
Impressment, military		<i>ch to</i> 355.22	
Income			
<b>student</b>		<b>378.36</b>	
Incineration			
of ded	pub. helth	614.62	
garbage	san. engin.	628.44	
India			
antiquities	ancient	913.34	
	<b>modern</b>	<b>913.54</b>	
<b>Industries</b>	<b>mil. resources</b>	<b>355.26</b>	
Inebriate asylums			
<b>cancel ethics and</b>	<i>ch fr 178.6 to</i> 362.8		
Influenza	pub. helth	614.5	

Injuries			
agriculture		632	
Injurious			
insects	agric.	<i>ch to</i>	632.7
Iron work	architect.		729.5
<sup>1</sup> Ivory Coast, Africa	hist.		966.6
Jewelry			
fine arts			739
<sup>1</sup> Jugoslavia	history		949.7
<sup>1</sup> Kamerun, Africa	hist.		967.1
Kelpies	folklore		398.4
Kobolds	"		398.4
<sup>1</sup> Kokand, Turkestan	hist.		958.7
<sup>1</sup> Kongo Free State	"		967.5
Land			
farm economics		631.1	
operations	Great war 1914-19		940.42
state domain		336.1	
Lantern			
slides	education		371.335
League of nations			341.1
Legumes			
field crops		<i>ch to</i>	633.3
Liability			
insurance	business		368.4
	pol. econ.		331.25
	to military servis	<i>ch to</i>	355.22
Lighting			
decorativ	fine arts		745
mediums	chem. tech.		665
shipbuilding			623.85
Liquid fuel	chem. tech.		662.6
Litoral rights	pol. econ.		333.9
Loans			
private finance			332.3
public	"		336.3
Machine design	engin.		621.81
Machinery			
farm		631.3	
inspection	pub. safety		614.838
Magazine racks	lib. econ.		022.935
Mammonism	ethics		174.5
<sup>1</sup> Mamuret el Aziz	hist.		956.6
Management			
farm economics		631.1	
Manufactures			
military resources			355.26
Manuscripts			
Bible			220.4
Maps			
Great war 1914-19			940.499
Maritime			
registry		<i>ch to</i>	355.22
Masonry			
adhesivs	building		691.5
	engin.		620.15
Mechanical			
refrigeration	engin.		621.5
Medical			
dep't	Great war 1914-19		940.475
	U S hist.	civ. war	973.775
		revol.	973.375
<sup>1</sup> Mesopotamia	modern hist.		956.7
<sup>1</sup> Meurthe et Moselle, Fr.			
history		<i>ch fr .39 to</i>	944.382
Military			
history, Great war 1914-19			940.4
Milwrighting	engin.		621.7
Modern			
European history		<i>ch fr .5 to</i>	940.2
<sup>1</sup> Moldavia, Rumania	hist.		949.8
Money		<i>ch to</i>	332.4
Monts de piété			
loan institutes		<i>ch fr .23 to</i>	332.33
Morbidity	pub. helth		614.15
<sup>1</sup> Moselle, Fr.	hist.	<i>ch to</i>	944.382
<sup>1</sup> Mosûl	history		956.7
Motion			
pictures,	<i>see</i> Moving		
Moving			
pictures	amusem'ts		791
	educ.		371.33
<sup>1</sup> Mozul	history		956.7
Municipal			
elections	local gov't		352.004
Myodynamics	physiol.	<i>ch to</i>	612.74
Napoleonic			
period	Eur. hist.	<i>ch fr .8 to</i>	940.27
Narrativs, personal			
Great war 1914-19			940.48
U S history	civil war		973.78
	Mex. war		973.628
	revolution		973.38
	Span. war		973.898
	war of 1812		973.528
National			
conservation	pol. econ.		
		<i>ch fr 333 to</i>	339
resources	conservation		
		<i>ch fr 333 to</i>	339
Nations			
leag of	internat. law		341.1
rise of	Eur. hist.		
		<i>ch fr .2 to</i>	940.11
Natural			
resources	conservation		333

Naval				Preparedness	mil. sci.	355.21
hist.	Great war 1914-19	940.45		Primitiv		
Negro				baptists	sect	286.4
race	pol. stand'g	<i>ch to</i> 324.15		Prizes		
suffrage	pol. sci.			library		020.79
				Promissory notes		
Nets				pol. econ.	<i>ch fr .5 to</i>	332.7
toilet		646.48		<b>Pseudepigrafa</b>		<b>229</b>
Nineteenth cent'y	Eur. hist.	940.28		Public		
Nobility	ethics	177.5		<b>utilities</b>	<b>commerce</b>	<b>380</b>
Norman				Pump		
conquests	Eur. hist.			force	pneumatics	
					<i>ch fr 553.84 to</i>	533.84
Notes				Race		
promissory	pol. econ.	332.7		betterment		613.94
Occupation				Radiografy		
therapeutics		615.851		diagnosis	pathol.	616.077
Occupations				Railroad		
mortality in	pub. helth			accidents	pub. helth	
					<i>ch fr 683 to</i>	614.863
Ogres	folklore	398.4		Rappists	sect <i>ch fr 289.3 to</i>	286.7
Old				Raw materials	mil. resources	355.24
school baptists	sect	286.4		Reading		
<b>Orcharding</b>	<b>agric.</b>	<b>634</b>		second	legislation	328.3741
Pageants				Reagents		
dramatic	customs	394.2		chem. anal.	<i>ch fr 543 to</i>	544.11
	scenario writ'g	808.2		Reclamation		
	theater	792		<b>drainage</b>	<b>agric.</b>	<b>631.6</b>
processional	amuse'm'ts	791			engin.	627.5
	customs	394.5		<b>irrigation</b>	<b>agric.</b>	<b>631.7</b>
Palaces					engin.	626.8
peace	architec.	725.12		Recreations		
Parallels	Gospels	226.1		<b>hygiene</b>		<b>613.7</b>
Pasture land	pol. econ.	333.7		Recruiting	mil. sci.	<i>ch to</i> 355.22
Personal				Reform		
<b>narrativs</b>				legislativ bodies		
<b>Great war 1914-19</b>		<b>940.48</b>			<i>ch fr .393 to</i>	328.394
Personality				prison	sociol.	365
psychology		137		Reformation		
<sup>1</sup> Petrograd, Russia	hist.	947.4		<b>age of Eur.hist.</b>	<i>ch fr .7 to</i>	940.22
	trav.	914.74		Refrigeration		
Photoplays, <i>see</i> Fotoplays				mech. engin.	<i>ch fr .57 to</i>	621.56
Pictures				Regular		
library treatment		025.177		baptists	sect	286.1
Pipefitting	bilding	696.1		Renaissance		
Plants				Eur. hist.	<i>ch fr .6 to</i>	940.21
injurious	<b>agric.</b>	<b>632.5</b>		Reporting	shorthand <i>ch to</i>	653.046
	<b>botany</b>	<b>581.65</b>		Republic		
nativ, soc. for protect'g		580.6		German history		943.085
<b>Play nursery</b>		<b>649.5</b>		Resources		
Poetry				conservation	pol. econ.	339
Great war 1914-19		940.491		<b>military</b>		<b>355.2</b>
Portuguese				Revision		
<sup>1</sup> East Africa	hist.	967.9		of English Bible		220.52



Rifle			
military equipment		355.82	
Rights			
water	pol. econ.	333.9	
Riparian rights	pol. econ.	333.9	
Ro	universal language	408.9	
Rubeola	pub. helth	614.524	
Rubies	manufacture	666.8	
Rural			
libraries		027.42	
life	agric.	<i>ch to</i> 630.1	
<b>Salads</b>	<b>garden crops</b>	<b>635.5</b>	
Sand			
petrology	lithology	552.51	
Sanitariums	institutions	362.1	
Savages	ethnology	572.7	
Scarecrows	agric.	632.9	
Science			
<b>Bible</b>		<b>220.85</b>	
Scientific			
management	business	658	
Seal fishing		<i>ch to</i> 639.1	
Second			
<b>adventists</b>	<b>biog.</b>	<b>922.6</b>	
	sect. <i>ch fr</i> 289.3 to 286.7		
Selection			
of officers	civil servis	351.1	
Servis			
<b>military science</b>		<b>355.5</b>	
Servitude, military		<i>ch to</i> 355.22	
Seventh			
<b>day adventists</b>	<b>biog.</b>	<b>922.6</b>	
	sect. <i>ch fr</i> 289.3 to 286.7		
Shorthand			
typewriters		652	
Sign			
painting		<i>ch to</i> 698.1	
Sirup	adulterations	614.311	
Skylights			
architec.	construction	721.55	
	design	729.35	
Slides			
lantern	education	371.335	
Smuggling	tarif	336.26	
Snow			
removal		628.46	
<b>Sobriquets</b>	<b>bibliografy</b>	<b>014</b>	
Social			
centers		374.28	
<b>surveys</b>	<b>sociol.</b>	<b>309.1</b>	
	<b>travel</b>	<b>914-919</b>	
Societies			
Bible		206	
student aid		378.362	
Society			
of nations	internat. law	341.1	
<b>Soils</b>	<b>agric.</b>	<i>ch to</i> 631.4	
South			
<b>U S history</b>			
	At end of note ad 973.89		
Speech			
freedom of	pol. sci.	323.443	
Squirrels	pets	636.9	
Stadiums	architec.	725.82	
State			
laws, uniform		328.22	
Stereopticon	education	371.335	
Students			
college	expenses		
	<i>ch fr</i> .38 to	378.368	
	<b>income</b>	<b>378.36</b>	
Study			
<b>Bible</b>		<b>220</b>	
<b>methods</b>		<b>371.3</b>	
Summer			
schools	lib. econ.	020.712	
Surveys			
<b>social</b>	<b>sociol.</b>	<b>309.1</b>	
	<b>travel</b>	<b>914-919</b>	
	vocational education	371.429	
Teaching			
freedom of	education	378.121	
	pol. sci.	323.444	
Telegraf codes	writing	652	
	engin.	621.38215	
Temperature			
pathology		616.075	
Terrapin	culture	639.3	
Textil			
<b>fibers</b>	<b>agric.</b>	<b>633.5</b>	
Thirty			
years war Eur. hist.	<i>ch fr</i> .7 to	940.24	
<sup>1</sup> Tibet, China	history	951.5	
	travel	915.15	
<b>Tillage</b>		<b>631.5</b>	
Tonquin, <i>see</i> Tonkin			
Tools			
<b>agricultural</b>		<b>631.3</b>	
Towers			
water	waterworks	628.13	
Trade			
acceptance	pol. econ.	332.7	
Transit			
local	sociology	388	
Transport			
military resources		355.27	
Trappists	monastic orders		
	<i>ch fr</i> .74 to	271.125	

Traps					<sup>1</sup> Virgin islands			
agriculture		632.9			hist.	<i>ch fr</i>	<i>971.97 to 972.97</i>	
Trash, domestic	sanitation	628.44			trav.	" "	<i>917.197 " 917.297</i>	
Treatment of					Virginia, U S			
captivs	internat. law	341.3			history			
Trickery	business ethics	174.7			<i>Note: between 973.52 and 973.7</i>			
<b>Truck farming</b>		<b>635</b>			<i>insert 973.62</i>			
Turtles					Visual			
fishery	<i>ch fr .2 to</i>	639.3			instruction	educ.	371.335	
<sup>1</sup> Ukraine, Russia	hist.	947.7			Vocation, choice of		374.1	
Universal					Volunteers	army	<i>ch to</i>	355.22
military servis	<i>ch to</i>	355.22			Wages			
<b>Utilities, public</b>		<b>380</b>			loans on	pol. econ.	332.315	
Utrecht, Peace of	Eur. hist.				War			
	<i>ch fr .7 to</i>	940.22			<b>Great 1914-19</b>		<b>940.3</b>	
<sup>1</sup> Van	history	956.6			Waste			
Vegetable					domestic	sanitation	628.44	
<b>gardening</b>		<b>635</b>			land	pol. econ.	333.7	
Vehicles					Water			
carbilding		699			rights	pol. econ.	333.9	
carriage making		684			towers	waterworks	628.13	
motor		629.2			Welth			
Ventilation					consumption	final	339	
shipbilding		623.85			productiv		331	
Veterans	societies				Westphalia, Germany			
Great war 1914-19		369.186			peace of	30 years war	940.24	
Victrola	mech. instruments	789.8			Workmen			
Vienna					accident compensation		331.25	
Congress of	Eur. hist.				insurance	compul. <i>ch to</i>	331.25	
	<i>ch fr .8 to</i>	940.27			<b>World war 1914-19</b>		<b>940.3</b>	
Villains	social classes	323.34			Y M C A	Great war 1914-19	940.4773	
					Y W C A	" " "	940.4774	
					religion		267.5	

## Edition 11: tables

Corrections, additions and notes, in numeric order of tables

*See on p. 2, note for corresponding list for edition 10*

- 021.201 *Note* *Chanje 024.64 to 024.674*
- 022.916 *Note* " *651 to 651.236*
- .99 *Note* " *651 to 651.465*
- 025.6 *Note* *See 024 for rules for readers*
- 060 *General learned societies*  
*Note 1* *Subdivided by using for 3d figure: 1 American; 2 English; 3 German; 4 French; 5 Italian; 6 Spanish; 7 Slavic; 8 Other; e.g. Académie des sciences morales et politiques, 064*
- 069 *Museums*  
*The following is an outline of a tentative scheme for museum administration prepared by a committee of the American association of museums, and filling 13 pages of ed. 11 of the Decimal Classification*
- .1 *Founding*      *Educational activity*      *Cooperation*
- .2 *Buildings*
- .3 *Equipment*      *Furnishings*      *Supplies*
- .4 *Collecting*      *Preparing*      *Repairing*
- .5 *Collections*      *Exhibits*
- .6 *Administration*
- .7 *Publications*      *Publishing*
- 090 *Note* *Ad* *See also 010 for bibliography and bibliofily; 655 for printing and publishing*
- 215 *Note* *Antagonism or reconciliation between science and Bible religion. Pro and con arguments by scientists. Bridgewater treatises. For creation see 213*
- 323.1 *Note* *For immigrant nationalities*
- 325.4-9 *Note* *Both immigration and colonization divided like 040-000, by cuntry of settlement; e.g. 325.73 Foren population of United States; Americanization. See note to 325.2 for a given nationality*
- 333 *Note* *Conservation of natural resources*
- 339 *Note* *Conservation; restrictions on use or waste of materials, including general works covering natural resources*
- 352.008 *Forms of administration*  
*Commission, manajer, etc.*
- 362.6 *Aged*      *Infirm*      *Bereft*
- 370.9402 *Chanjed from .9405 of ed. 9*
- 386 *Note* *Stajes (horse or motor)*
- 387 *River, lake, ocean and air transport*
- 394.4 *Note* *Coronations, durbars, etc.*
- .5 *Processions*      *Pageants*
- .6 *Fairs*      *Kermess*
- 398.2 *Note* *Legends of Arthur, Charlemagne, Roland, Faust, Reynard the fox, etc. But poems, dramas, etc. based on these legends clas in literature*



- 449 *Provençal* Catalan  
 459 *Wallachian* Rumanian  
 521.12 *Omit relativ to the sun*  
 523.51 *Chanje Aerolites to Meteorites*  
 526  
*Note* 520.6 misprint for 526.9  
 539.7 Radioactivity  
 See also 541.38 Radiochemistry; 546.432 Radium  
 540.1 Early theories  
 541.38  
*Note* Ad See also 539.7 Radioactivity; 546.432 Radium  
 544.2  
*Omit 2d note*  
 544.3 Blowpiping  
 For other relations see Relativ index  
 546.432  
*Note* See also 539.7 Radioactivity; 541.38 Radiochemistry  
 547.29  
*Chanje position of note printed under this number so as to precede a brace covering 547.3-.9*  
*(as for 430-480)*  
 552.8 *Misprinted 553.8*  
 611.01882  
*Note* *ch* to Nissl's chromophilic bodies (omitting remainder of note)  
 .669  
*Note* in comparison with human organs  
 .693 *Misprinted .263*  
 613.87  
*Note* See also *Social ethics*, 177; Late hours, 613.79  
 .88  
*Note* See also Fasting, famin, starvation, 613.24  
 614.55  
*Note* Hookworm  
 .8  
*Note* Safety appliances  
 625.14  
*Note* Including general works covering also  
 629.1 Automotiv industries  
 Air, land, water, treated together; for water craft alone see 623.8  
 .2  
*Number at end of note should be 684*  
 631.6  
*Note* Agricultural engineering  
 .8421 *cyanid misprint for cyanamid*  
 636.9 *guinea pigs, elephants, etc.*  
 648.7 *Pests: traps, poisons, insectifuges* (In some copies of ed. 10 the .7 has dropt out)  
 650 *Communication* Business  
 651 *Offis* economy  
*Tentativ skeme, covering 6 pages. Main divisions ar:*  
 .1 *Offis* bildings and rooms  
 .2 Equipment  
 .3 Organization  
 .4 Administration  
 .5 Records Files and filing  
 .6 Special material  
 .7 Correspondence, reports etc.

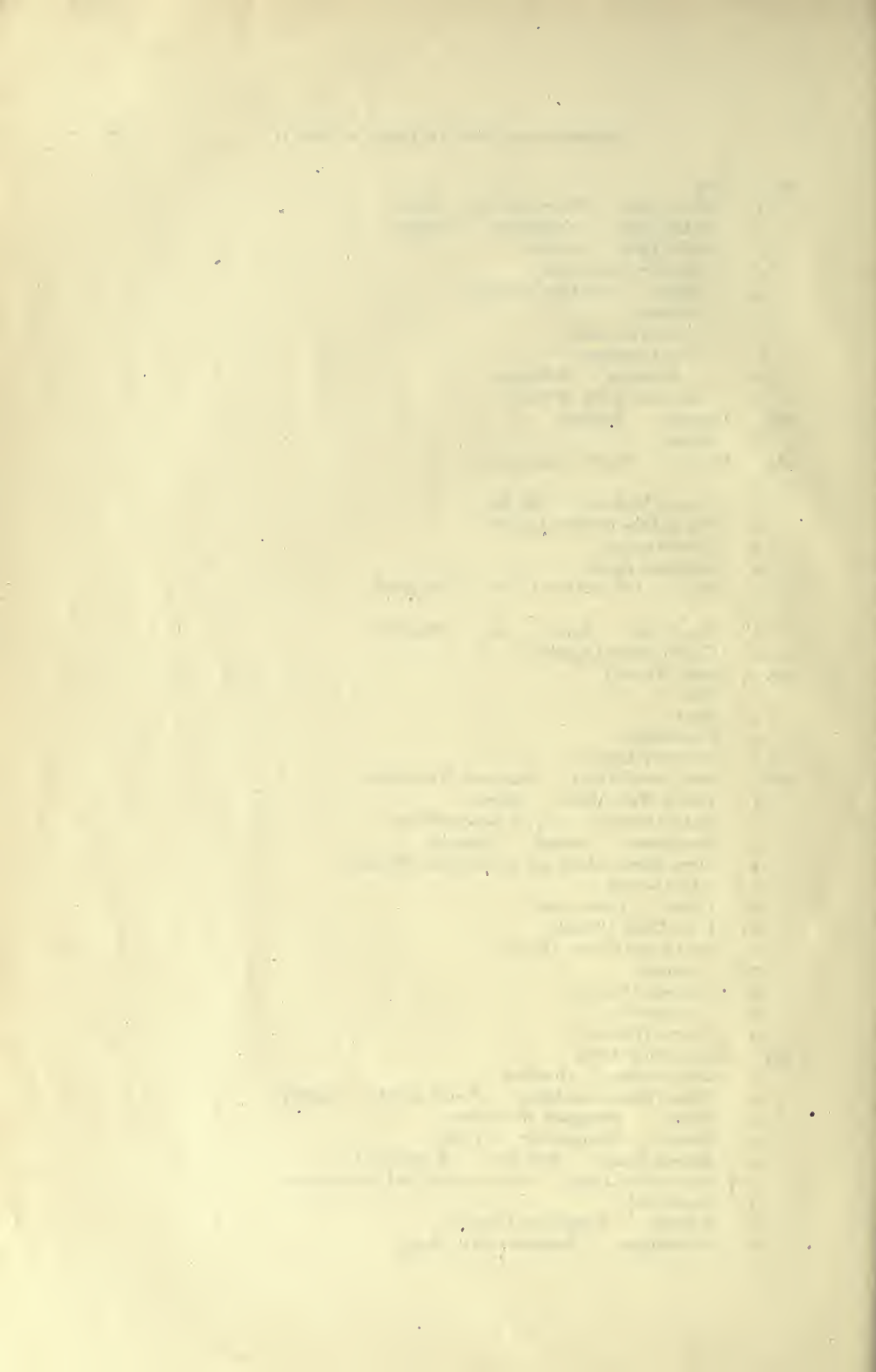


- 654  
*Note* Business aspects. For engineering see 621.38; for codes see 652
- 655.25 *Typesetting: composition, proofreading, distribution*  
 .32  
*Note* Cutting stock  
 .35 *Stamps, stamping etc.*  
 For stencils see 652  
 .36 *Omit addressing*  
*See also* 654.3 *Printing telegraphs*; 651.265 *Hand numbering machines*; 652 *Typewriters, addressing machines*
- 695  
*Note* 721.4 misprint for 721.5
- 797  
*Note* Rowing, yachting, baseball, football, cricket, polo. Matches, races  
*See also* 371.74 and 371.75
- 798 *Horsemanship* Motoring Racing  
 813.43 *Howells, William Dean* 1837-1920  
 814.41 *Burroughs, John* 1837-1921  
 851.83 *Gnoli, Domenico* 1838-  
 853.83 *Capuana, Luigi* 1839-1917  
 854.84 *Villari, Pasquale* 1827-1917  
 909.8 1800-  
 .81 1800-99  
 .82 1900-99
- 913.3 *Antiquities of ancient countries*  
 Subdivided like 930, e.g. 913.32 *Egyptian antiquities*. *Antiquities of countries having both ancient and modern history numbers should be classed in 913.3 unless dealing mainly with antiquities later than the fall of Rome, 476 A.D.*
- 913.4-.9 *Antiquities of modern countries*  
 Subdivided like 940-999, e.g. 913.42 *English antiquities*. *See also note under 913.3*
- 920  
*Note* Ad at end of next to last note, after 'goes with botanic books'. This plan may be carried out more specifically where .9 has been used for the history of a subject, by adding for biography the figure 2, making the life of a botanist 580.92.
- 943.6  
*See note under this number, in list of corrections in ed. 10*
- 944.08  
*Note, at end: Poincaré 1913-20; Great war 1914-19 Deschanel 1920 Millerand 1920-*
- 945.08  
*Note* Transfer to this number from .00 the note Victor Emmanuel 2, Cavour, Garibaldi
- 945.09  
*Note* Victor Emmanuel 2 -1878; Humbert 1878-1900; Victor Emmanuel 3 1900-
- 949.7  
*Note* In addition to Serbia and Montenegro, Jugoslavia (Kingdom of the Serbs, Croats and Slovenes, established in 1918) includes Dalmatia (943.69), Slavonia (943.93), Croatia (943.94), Bosnia (943.95), Herzegovina (943.96) and Slovenia
- .8  
*Note* Includes also Bessarabia (947.7) added in Mar. 1918, Bukovina (943.75) Nov 1918, and Transylvania (943.92) Dec. 1918
- 960 *Africa*  
*Tentative expansion covering 15 pages. Outline is as follows:*
- 961 *North Africa*  
 .1 *Tunis*  
 .2 *Tripoli* Libia Italiana  
 .3 *Fezzan*  
 .4 *Cyrenaica or Bar'ka* Bengazi  
 .9 *Libyan desert*





- 962 *Egypt*
- .1 *Lower Egypt* Masr-el-Bahri Delta
  - .2 *Middle Egypt* el-Wustani Vostani
  - .3 *Upper Egypt* es-Said
  - .4 Anglo-Egyptian Sudan
  - .4I Nubia Northern provinces
  - .5 *Dongola*
  - .6 Central provinces
  - .7 West provinces
  - .8 *Kordofan* Nuba mts
  - .9 East and south provinces
- 963 *Abyssinia* Ethiopia
- .5 Eritrea
- 964 *Morocco* French protectorate
- .1
  - .2 Spanish Morocco The Rif
  - .3 Fez and the northwest coast
  - .4 Central region
  - .5 Southeast region
  - .6 Morocco and southwest coast Marakesh
  - .7
  - .8 Rio de Oro Adrar Ifni (Spanish)
  - .9 Canary ilands (Spanish)
- 965 *Algeria* (French)
- .1 Oran
  - .3 Alger
  - .5 Constantine
  - .7 Southern Algeria
- 966 *North Central Africa* European West Africa
- .1 French West Africa *Sahara*
  - .2 *Sudan* (French) Upper Senegal-Niger
  - .3 *Senegambia* *Senegal* (French)
  - .4 *Sierra Leone*, colony and protectorate (British)
  - .5 *Upper Guinea*
  - .6 *Liberia* Grain Coast
  - .68 Ivory Coast (French)
  - .7 Gold Coast Colony (British)
  - .74 Ashanti
  - .8 *Dahomey* (French)
  - .81 Togoland
  - .9 Nigeria (British)
- 967 *South Central Africa*
- .1 *Lower Guinea* *Cameroon*
  - .2 French Equatorial Africa *French Kongo* *Loango*
  - .3 *Angola* *Portuguese West Africa*
  - .4 *Interior* Ubangi-Shari Chad
  - .5 Belgian Kongo *Free State* *Kongo basin*
  - .6 *British East Africa* Kenya colony and protectorate
  - .7 Somaliland
  - .8 *Zanzibar* Tanganyika territory
  - .9 *Mozambique* *Portuguese East Africa*



- 968 *South Africa*  
 .1 Bechuanaland protectorate  
 .2 *Transvaal*  
 .3 *Zululand* Swaziland Amatonga  
 .4 *Natal*  
 .5 *Orange Free State*  
 .6 Basutoland *Kaffraria*  
 .7 Cape of Good Hope  
 .8 South-west Africa protectorate  
 .9 *Rhodesia* Nyasaland protectorate  
 969 *Madagascar* and islands of South Indian Ocean  
 .1 Madagascar (French)  
 .2  
 .3  
 .4 Islands north of Madagascar  
 .5 Amirantes or Admiral's (British)  
 .6 Seychelles (British)  
 .7 Chagos (British)  
 .8 Mascarenes and islands east of Madagascar  
 .9 Isolated islands  
 973.11  
 . Note see .12 to .14 below  
 .58  
 . Note *Florida* admitted, 27th state 3 Mar. 1845 See 975.9  
 .744-.749J-L  
 . Note When there are more than 9 regiments in any of these groups 0 must be prefix to the number for the 1st 9, e.g. *J09*, 9th regiment of infantry; otherwise the 9th regiment of infantry, J9, would be shelved after the 89th, J89  
 .81  
 . Note *Fenian* invasion of Canada 31 May-2 June 1866 See also 971.048  
 .85  
 . Note Born 18 Mar. 1837  
 .86 *Date* 1839 misprint for 1893  
 .896  
 . Notes See note under 973.36  
 For patriotic societies commemorating the war with Spain see 369.181-.183  
 .899  
 . Note See note under 973.39  
 .913 *Woodrow Wilson* 4 Mar. 1913-4 Mar. 1921  
 The great war, begun with Austria's declaration of war against Serbia, 28 July 1914, was formally entered by the United States with a declaration of war against Germany, 6 Ap. 1917; armistice signed by the Germans 11 Nov. 1918; treaty of Versailles signed by treaty plenipotentiaries of Germany and the Allied Powers, 28 June 1919; treaties with Germany, Austria and Hungary ratified by United States senate 18 Oct. 1921  
 .914 *Warren Gamaliel Harding* 4 Mar. 1921-  
 Born 2 Nov. 1865  
 974.8  
 . Note In territory claimed in 17th century by Sweden and then called New Sweden or New Swedeland  
 979.436 *Misprinted* .426  
 979.5 *Omit* Pacific States  
 .8  
 . Note *Capital* Juneau

## Edition 11: index

### Corrections and additions

Accidents			
insurance	business	368.4	
	pol. econ.	331.25	
Addressing machines			
	<i>cancel print. and ch fr 655.36 to 652</i>		
Adhesivs	bldg	691.5	
	engin.	620.15	
Aerial transport	sociology	387	
	<b>useful arts</b>	<b>629.13</b>	
Aerology		551.5	
Afterdinner speeches			
dom. econ.	entertaining	642.48	
Age			
of despots	Ital. hist.	945.05	
therapeutics		615.54	
Agglutinants	bldg	691.5	
	engin.	620.15	
	physiology	612.11144	
Air			
transport	sociology	387	
	<b>usefu. arts</b>	<b>629.13</b>	
Alps	Swiss geology	554.94	
	travel	914.94	
Americanization		325.73	
Animal			
food	hygiene <i>ch fr .128 to 613.28</i>		
Animals	painting	758	
Apostolic			
Catholic	sect <i>ch fr .5 to 289.9</i>		
Arsenic			
inorganic chemistry	<i>ch to 546.191</i>		
Artificial			
lights	<b>electric engin.</b>	<b>621.32</b>	
	engineering	628.9	
Atrocities, <i>see</i> Cruelty			
Bacon			
Shakspere controversy		822.33	
Band			
<b>music</b>		<b>788</b>	
Beggars	relief	362.5	
Bell, <i>see also</i> Bel			
Bell sistem	education	371.41	
	shorthand	653.42	
Benefit			
societies	cooperativ	334.7	
Blowpiping			
manipulation		542.53	
Boards, <i>see also</i> Trustees			
Bolshevism	Rus. hist.		
	<i>ch fr 347.08 to 947.08</i>		
Braidism		134	
<b>Budget</b>	<b>pub. finance</b>	<b>336</b>	
Business	<b>law</b>	<i>ch fr .6 to 347.7</i>	
	management	658	
<b>Butter</b>		<b>637.2</b>	
Calcium			
	cyanid <i>misprint for cyanamid</i>		
Casualties			
insurance		368.4	
Cavour	Ital. hist.		
	<i>ch fr .09 to 945.08</i>		
Celibacy			
of clergy	law	348	
	religion	254	
Centrosome			
histology	<i>ch fr .01882 to 611.01816</i>		
Cereals			
<b>agriculture</b>	<i>ch fr 631.1 to 633.1</i>	<b>633.1</b>	
Child welfare	<i>ch fr .67 to 362.7</i>		
Christian			
science	healing theol.		
	<i>ch fr .99 to 230.95</i>		
Chromophotografy	<i>ch fr 770 to 772</i>		
Church, <i>see also</i> Religions			
Civil			
<b>law foren</b>		<b>349</b>	
Cleveland, O.			
<sup>1</sup> hist.	<i>ch to 977.132</i>		
travel	" " <i>917.7132</i>		
Colonies	penal law	343.2	
Commission government		352.008	
Conservation of			
natural resources	<i>ch fr 339 to 335</i>		
Curtis, G: W:	Amer. essays	814.37	
<b>Cytology</b>	<b>anatomy</b>	<b>611.0181</b>	
	biology	576.3.	
Dangerous classes		364	
Darbar	social customs	394.4	
Day			
working	pol. econ.	331.811	
Deschanel	French hist.	944.08	
Display in printing	<i>ch fr .26 to 655.25</i>		
Distribution			
<b>of capital</b>	<b>pol. econ.</b>	<b>331</b>	
<b>products</b>	" "	<b>338</b>	
type printing		655.25	
<sup>1</sup> Dominican Republic	hist.	972.93	
Dry			
farming <i>chanje the indention</i>		631.586	
Einstein theory	astronomy	521.12	
	physics	531.51	
Electro-			
plating	manufactures	671	
Elefants	domestic animals	636.9	
	zoology	599.6	

Elephants, <i>see</i> Elefants	
Famin physiology	612.391
Fibrillar [etc.] <i>cancel</i>	
Filbert	
<i>Arranged after Fillets, should follow</i>	
Filangeri	
Finances local gov't	
	<i>ch fr .11 to 352.1</i>
First nerv,	
	<i>ch to First cranial nerv</i>
Flowers	
painting	758
Fonetics elem. educ.	372.4
filology	414
Forgeries, <i>see</i> Frauds	
Furniture	
artistic	749
Gambling	
law	<i>ch fr 345 to 343</i>
Garibaldi Ital. hist.	
	<i>ch fr .09 to 945.08</i>
<sup>1</sup> Guam history	996.7
travel	919.67
<sup>1</sup> Haiti history	972.94
travel	917.294
Hookworm disease pathol.	616.965
pub.helth	614.55
Horse	
shoeing zootechny	
	<i>ch fr .08113 to 636.0834</i>
Hours	
late hygiene	613.79
of labor pol. econ.	
	<i>ch fr .814 to 331.81</i>
Humbert Ital. hist.	945.09
I. W. W. anarchy	335
Indo—	
Germanic literatures,	
<i>ch to Germanic languages</i>	
Industrial	
hygiene	613.6
management	658
workers of the world	
anarchy	335
Interest	
tables <i>cancel</i> business manuals	
	<i>and ch fr 658 to 657</i>
Invocation ritual	264.1
Irvingism	
Cath. apostolic	<i>ch fr .5 to 289.9</i>
Kermess	394.6
Lake	
transportation	387
Law	
parliamentary	328.1

Learning revival lit. hist.	809
Life	
contingencies	
moth. <i>misprint</i> for math.	
Lodging houses for poor	
	<i>ch fr 361 to 362.5</i>
Lower	
<sup>1</sup> Guinea history	967.1
travel	916.71
Magic	
parlor	793
Management	
business	658
industrial	658
Manager, city	352.008
Mantels decoration	
	<i>ch fr 743 to 749</i>
Marriage	
communal	<i>ch fr .9 to 392.6</i>
Martial law jurisprudence	344
Matches sports	797
Medicinal	
plants	
	<b>materia med. <i>ch to</i> 615.32</b>
Mental	
tests	
childstudy	136.702
psychology	150
Meteorites astronomy	523.51
Mildew domestic econ.	648.7
Millerand French hist.	944.08
Millerites sect	<i>ch fr 289.3 to 286.7</i>
<sup>1</sup> Moberly ( <i>not Moberly co.</i> ) Mo.	
Moving	
pictures fotografy	778
Museums	
general	<i>ch fr 060 to 069</i>
<sup>1</sup> Nansei ilands, Japan travel	915.2
Natural	
resources conservation	
	<i>ch fr 339 to 333</i>
Pacifists	
<i>Arranged after Packers, should precede</i>	
Pack horse	
Pageants	
processional customs	394.5
Painting	
porcelain	738
Paints painting	751
Pendulum	
Foucault's	525.36
Petroleum mineralogy	549.8
Pharmacology	<i>ch fr .7 to 615.1</i>
Phonetics elem. educ.	372.4
filology	414
Phonics filology	414

Pile				Ship			
foundations				propulsion	mech. eng.		
<b>methods</b>	<b>engin.</b>	<b>624.155</b>			<i>ch fr 621.12 to 623.8</i>		
Piledriving				Societies			
foundations	architec.	721.151		<b>cooperativ</b>		<b>334</b>	
	engin.	624.1551		Spanish			
Piles, <i>see also</i> Pile				succession, war of			
Plagues				Eng. history		942.069	
<b>animal vet. med.</b>		<b>619</b>		French "		944.033	
Plants				Spiritualism			
<b>geografic distribution</b>		<b>581.9</b>		occultism			
<b>medicinal</b>		<b>615.32</b>		( <i>substitute for modern</i> )		133.9	
Plymouth				Stage			
brethren	sect <i>ch fr 289.9 to</i>	<i>286.7</i>		coach	sociology	386	
Portland					useful arts	656	
<sup>1</sup> Me. history		974.19		Stencils			
travel		917.419		<i>cancel prac. printing and</i>			
Pseudipigrafa				<i>ch fr 655.35 to 652</i>			
<i>misprint for</i> Pseudepigrafa				Stereoscopes	optics	535.86	
Psychoanalysis		131		Stil life	painting <i>ch fr 754 to 758</i>		
Psychology				Sugar			
<b>abnormal</b>		<b>132</b>		beets	agric. <i>ch fr .62 to</i>	<i>633.63</i>	
Pyrotechnics	chem. tech.			<b>Superstitions</b>	<b>occultism</b>	<b>133</b>	
	<i>ch to 662.1</i>				folklore	398.3	
Racing				Switzerland			
amusements				<sup>4</sup> <b>language</b>	<b>French</b>	<b>440</b>	
boat		797		<sup>4</sup>	<b>German</b>	<b>430</b>	
horse		798		<sup>4</sup>	<b>Romansch</b>	<b>459.9</b>	
Radiant matter	<i>ch fr .1 to</i>	<i>539.7</i>		<sup>5</sup> <b>literature</b>	<b>French</b>	<b>840</b>	
Radio, <i>see</i> Wireless				<sup>5</sup>	<b>German</b>	<b>830</b>	
Radioactivity		539.7		<sup>5</sup>	<b>Romansch</b>	<b>859.9</b>	
Radioscopy				Systems			
diagnosis	pathol.	616.077		of meteors		523.54	
Rank	pol. sci.	323.31		Tables			
Reformatories				furniture			
inebriate		362.8		dom. econ. <i>ch fr 643.43 to</i>	<i>645.43</i>		
<i>Substitute for</i> temperance 178.6				Tests			
Renard the fox	Fr. satire	847.12		<b>mental</b>	<b>childstudy</b>	<b>136.702</b>	
legends		398.2			<b>psychology</b>	<b>150</b>	
Resources				Trusts			
national	conservation	339		corporations			
natural	"	333		<i>ch fr pol. econ. 338.8 to law 347.1</i>			
Reynard the fox	Fr. satire	847.12		Uranium	chem. <i>ch to 546.791</i>		
legends		398.2		Victor Emmanuel 2	Ital. hist. 945.08		
<sup>1</sup> Reynolds co. Mo	hist.			3	" " 945.09		
<i>ch fr .885 to 977.8885</i>				War			
Roentgen rays, <i>see</i> X rays				of Spanish succession			
Romance literatures		879		Eng. history		942.069	
<sup>4</sup> <b>Romansch language</b>		<b>459.9</b>		French "		944.033	
<sup>5</sup> <b>literature</b>		<b>859.9</b>		U. S. "		973.25	
Röntgen rays, <i>see</i> X rays				Welth			
<b>Safety appliances</b>		<b>614.8</b>		<b>political economy</b> <i>ch fr 331 to 330</i>			
<sup>1</sup> San Domingo	history	972.93		X rays	diagnosis pathol.	616.077	
					electricity	537.53	
					radioactivity	539.7	

# CONTENTS

	Page
EXPLANATION . . . . .	6
INTRODUCTION	
<b>Description</b> . . . . .	7-20
Origin and growth . . . . .	7
Extent of use . . . . .	8
What is the system? . . . . .	8
Decimal form . . . . .	9
Best known decimal form . . . . .	9
Relativ Subject Index / . . . . .	10-12
What the Index includes . . . . .	12
Explanation of tables . . . . .	12
Choice and arrangement of heads . . . . .	13
Sequence of allied subjects . . . . .	13
Co-ordination . . . . .	13
New subjects . . . . .	14
Catch titles . . . . .	14
Form distinctions . . . . .	14
Minute classification . . . . .	15
Mnemonics . . . . .	16-17
Decimalism . . . . .	17-19
Sizes on shelves . . . . .	19
<b>Catalogs</b> . . . . .	20-21
Name catalog . . . . .	20
Shelf-list . . . . .	20
Subject catalog . . . . .	20
Dictionary catalog . . . . .	21
<b>Advantages</b> . . . . .	21-24
Shelves . . . . .	21
Shelf-list . . . . .	21
Accession book . . . . .	22
Pamflets . . . . .	22
Sale duplicates . . . . .	22
Charging system . . . . .	22
Subject references . . . . .	23
Recataloging . . . . .	23
Adaptability . . . . .	23
Arabic numerals . . . . .	23
Endowment of special departments . . . . .	24
Summary . . . . .	24

DECIMAL CLASSIFICATION

<b>Suggestions to users</b> . . . . .	25-31
Plan of tables . . . . .	25
" Index . . . . .	25
Numeration . . . . .	25
Familiarity with classification . . . . .	25
How to find subject of book . . . . .	26
Assigning class numbers . . . . .	26-28
Number of figures used in class numbers . . . . .	28
Bilding numbers . . . . .	29
Book numbers . . . . .	30
<b>Variations practicable</b> . . . . .	31-37
Cautions . . . . .	31
Letter notations for changes . . . . .	32-35
Fiction and juvenils . . . . .	33
Biografy . . . . .	33
Travel . . . . .	34
Parallel libraries . . . . .	34
Combining language and literature . . . . .	34
Reference library . . . . .	34
Contractions for specialists . . . . .	35
Alfabet or chronology for final subdivisions . . . . .	35
Broken order . . . . .	36
Pro and con division of topics . . . . .	37
<b>Other uses</b> . . . . .	37-39
Bookstores . . . . .	38
Scrapbooks . . . . .	38
Index rerums . . . . .	38
Topical indexes . . . . .	39
<b>Acknowledgments</b> . . . . .	40-41
Note to 7th edition . . . . .	41
" 8th edition . . . . .	46
" 9th edition . . . . .	46
Index to Introduction . . . . .	47-48



CONTENTS

TABLES AND INDEX

First summary, the 10 main classes . . . . .	1 page
Second " the 100 main divisions . . . . .	1 "
Third " the 1000 sections . . . . .	10 pages
Tables of the Subsections of General works . . . . .	28 "
" " " Philosophy . . . . .	11 "
" " " Religion . . . . .	19 "
" " " Sociology . . . . .	48 "
" " " Philology . . . . .	6 "
" " " Natural science . . . . .	51 "
" " " Useful arts . . . . .	146 "
" " " Fine arts . . . . .	18 "
" " " Literature . . . . .	44 "
" " " History . . . . .	81 "
	Page
Index abbreviations . . . . .	516
Explanation of Index . . . . .	517-18
Relativ subject index . . . . .	519-843
Alfabetic table of topics divided geograficly . . . . .	845-47
" form divisions . . . . .	848
" languages . . . . .	848-49
" philologic divisions . . . . .	850-51
" literatures . . . . .	852-53
Biscoe and Olin booknumbers . . . . .	854-56

## EXPLANATION

The field of knowledge is divided into nine main classes and these are numbered by the digits, 1 to 9. Cyclopedias, periodicals, etc., so general in character as to belong to *no* one of these classes are marked nought, and form a tenth class. Each class is similarly separated into 9 divisions, general works belonging to *no* division having nought in place of the division number. Divisions are similarly divided into 9 sections and the process is repeated as often as necessary. Thus 512 means Class 5 (Natural Science), Division 1 (Mathematics), Section 2 (Algebra), and every Algebra is numbered 512.

The books on the shelves and the cards in the subject catalog are arranged in simple numerical order, all class numbers being decimals. Since each subject has a definite number, it follows that all books on any subject must stand together. These tables show the order in which subjects follow one another. Thus 512 Algebra precedes 513 Geometry and follows 511 Arithmetic.

**Summaries.** The first summary shows the ten Classes into which all topics are divided. The second summary shows the nine Divisions of each of the ten classes, and is useful as a bird's-eye view of the whole scheme on a single page. Then follow ten pages, one for each class, showing the nine Sections into which each of the nine divisions of each class are divided. These pages are to be used for a synoptic view on a single page of the scope of each class.

**Sub-sections.** Following these three summaries is the complete classification, which repeats, in proper order, all the classes, divisions, and sections with all the sub-sections given under each section. Synonymous terms, examples, brief notes, dates, and various catch-words are often added to the simple heads for the convenience of the user, who thus gets a fuller and clearer idea of the field which each number covers. Therefore all references to numbers should be looked up in the **full tables of sub-sections**; never in the Summaries, which are really only a table of contents of the Complete Tables.

**Index.** After the tables is an index, in which all the heads of the tables are arranged in one simple alphabet, with the class number of each referring to its exact place in the preceding tables. This index includes also, as far as they have been found, all the synonyms or alternative names for the heads, and many other entries that seemed likely to help a reader find readily the subject sought. Though the user knows just where to turn to his subject in the tables, by first consulting the index he may be sent to other allied subjects, where he will find valuable matter which he would otherwise overlook.

**Full explanations.** Detailed illustrations and rules for the many applications of this system and full explanations of its mnemonic and other important features will be found in the introduction.

## INTRODUCTION

[The simplified spellings used are strongly recommended for general adoption by both the American and English Philological Associations, including nearly all prominent scholars in English now living.]

**Origin and growth.**—The plan of the following Classification and Index was developed early in 1873. It was the result of several months' study of library economy as found in some hundreds of books and pamphlets, and in over 50 personal visits to libraries. In this study the author became convinced that the usefulness of these libraries might be greatly increased without added expenditure. Only a fraction of the good possible could be gotten from a library without catalogs, indexes, and aids, to tell librarians and readers what the collection contained on any given subject; yet, by the methods then used, this could be done satisfactorily only at a cost so great as to be prohibitive to all but a few wealthy libraries. With rare exceptions, libraries were growing rapidly. Catalogs, made at great cost, became antiquated soon after being finished. The methods used involved frequent remarking and re-arrangement of the books and remaking of catalogs and indexes, as the only escape from a confusion that seriously crippled usefulness. In this repetition of work experience and skill of previous librarians were largely lost. The great need was a system which should enable each librarian to stand on the shoulders of his predecessors, and fully utilize their labors; which should make the work done to-day permanent, instead of something to be superseded within a few years, and therefore not worth doing in the best way; which should supply the best appliances, instead of leaving the young librarian not only to learn how to work, but to make all his own tools.

Seventeen years' practical use of the system here explained proves that it will accomplish this result; for with its aid catalogs, shelf lists, indexes, and references, essential to this increased usefulness, can be made faster and cheaper than by any method not having its essential features, and, when done, are better and vastly more permanent.

Practical utility and economy are the keynotes of the entire system, and no theoretical refinement has been allowed to modify the scheme, if it would detract from its usefulness or add to its cost.

It was chiefly necessary to find a method that would index books and pamphlets on the shelves, the cards of a catalog, clippings and notes of scrap-books and index rerums, references to all these items, and indeed any literary material in any form, as readily as an ordinary index guides

to the proper page of a bound book. This difficult problem has been solved by using no reference marks except the simplest symbols known to the human mind—the Arabic numerals—and by aiding their simplicity with many practical mnemonic devices.

The system has been found on trial equally valuable for cataloging and indexing, and for numbering and arranging books and pamphlets on the shelves. For notes on other uses, see p. 37.

When the first edition was published in 1876, 12 pages of tables containing the thousand sections were criticised as being altogether too elaborate for use even in a large library. As fast, however, as the Relativ Index with its remarkable powers became known, users asked for further subdivisions, and both tables and Index have steadily grown since it has been found so easy to gain the admitted great advantages of close classification, and yet avoid the old difficulties by means of the Relativ Index.

**Extent of use.**—The register of libraries which have actually adopted the system, though growing rapidly, is known to be very incomplete. Names are often added of libraries which have used the system for five or 10 years without our learning the fact. A careful registry is kept of the buyer of each classification printed, but we make no assumption that a library has adopted the system because it has ordered a copy of the book.

We print below a brief table showing the growth of the four editions. The nearest estimate possible gives from 200–300 libraries, besides a large number of private book owners and literary workers having the system in daily use.

Edition	Date	No. of pages				Copies printed
		Preface, etc.	Tables	Index	Total	
1	1876	12	12	18	42	1,000
2	1885	66	162	86	314	500
3	1888	4	227	185	416	500
4	1891	41	234	191	466	1,000

**What is the system?**—A Relativ Index<sup>1</sup> with a subject classification, so numbered or lettered that reference is compact, accurate, and quickly made, is the essential feature, and anything beyond this is merely the application of this plan with various helps and accessories.

<sup>1</sup>Tho the author is interested only in the usefulness of the system, not in questions of priority of its invention, extended investigation by others fails to show that this most important feature of the system—the relativ index, on which all else hinges—had ever before been used as here to index by a single reference the most diverse material. The relativ location had been used, but not in the present combination with the subject index, which gives it most of its value. The tables of classification, while adopting suggestions from many sources, are original in their system of arrangement and notation, and in many minor features. The decimal form and many mnemonic features of the system have not been found in earlier use, tho since their invention in 1873, this as well as the subject index and other features have been very frequently copied, often with, but oftener without, acknowledgment of their source. But the author is glad to find this system, which has cost him so much labor, doing good service even for those who neglect to mention where they found so valuable a labor-saving literary tool.

Any subject classification with a *relativ* index in which the one entry indexes a book in the ordinary way, and at the same time indexes shelves, cards, clippings, or any other literary material, is a form of this system.

**Decimal form of the system.**—The author has devised and experimented with several different plans of classification and notation by means of numbers, letters, and combined numbers and letters, with bases of 26, 35, (the latter accepted by Mr Cutter and now most admirably worked out in his Boston Athenæum classification), 50, 100, and 150, yet none have seemed good enough to warrant fully working out and publishing details, except that here printed, based on Arabic numerals used decimally. The wide adoption of this system is largely due to the fact that no one ever complains that a classification is too simple, while there is great danger of the complaint of complexity. The simplicity of the decimal form has so commended itself that many think of it as the only form, tho obviously it would be just as much the “relativ index system” if the classification were wholly marked by letters.

The Subject Index is the simplest application of the symbols next in simplicity to 1, 2, 3; viz. a, b, c. This use of the simplest two sets of symbols known, with their common meanings, has given the system its reputation as the simplest yet proposed.

**Best known decimal form.**—The decimal form means simply that the heads are grouped and numbered with the common arithmetical figures used decimally. As the system here printed is the only decimal form that has thus far been carefully elaborated and published, it is commonly thought and spoken of as if it alone were the only possible form of the author’s original plan; tho obviously an infinite variety of “relativ index systems” in decimal form could be made by filling the outline with different heads, or with the same heads in different order.

To make out a new set of heads would involve labor and cost vastly beyond the dreams of any person who has not tried exactly this work. The time actually spent on the tables as here printed, by various competent workers, would aggregate several years and cost thousands of dollars. The uniform and urgent advice of the experienced is to adopt a poorer scheme already made rather than undertake so herculean a labor. When done, the maker may possibly be better suited with it, but it is doubtful if many others will be. It is vastly wiser for any man whose time is of value, to use it in something more practically useful to himself and his library than in trying to construct a “satisfactory” scheme of classification. No one yet ever wholly suited himself or any one else, and probably no one ever will. By adopting this scheme already worked out he saves much time and money, gains the immense advantage of using a system in common with hundreds of

others, so that he may utilize their labors and investigations and share with them the economies of coöperation.

**Relativ Subject Index.**—The alphabetical Index, the most important feature of the system, is as complete as could be made by combining the headings of leading catalogs and bibliographies, and adding such as users of the system have found desirable in 17 years' experience. After all these efforts, new headings will still be needed, and will be added in each new edition.

The Index is designed to guide both in numbering and in finding books. In assigning numbers, the most specific head that will contain the book having been determined, reference to that head in the Index gives the class number which should be assigned. Conversely, in finding books on any given subject, reference to the Index gives the number under which they are to be sought on the shelves, in the shelf list, or in the subject catalog. Whenever a new subject comes up, it and its synonyms, with the class-number decided on, should be interlined in the Index, so that the classifier may be uniform with himself in future work.

The Index aims to give similar or synonymous words, and the same words in different connections, so that any person of intelligence will hardly fail to get the right number. A reader wishing to know something of the tariff looks under T, and, at a glance, finds 337 as its class-number. This guides him to the shelves, to all the books and pamphlets, to the shelf catalog, to the subject catalog on cards, to the index of books charged at the loan desk, and, in short, in simple numerical order, throughout the whole library to anything bearing on his subject. If he turns to the tables, he will see that it means class 3, Sociology; division 3, Political economy; section 7, Protection and free trade; but the number alone is enough to classify the book or to find it, for either cataloger or reader. If he had looked under P for protection, or F for free trade, or D for duties, or C for customs, or under any other leading word relating to his subject, he would have been referred to 337, or some one of its sub-divisions.

Had he looked for "railroad" he would have found after it 16 separate entries, each preceded by a catchword indicating the phase of the subject in the scheme. A book on railroads may be a treatise on the desirability of government ownership, control, etc., and then is clearly a question of social science; or it may be a practical hand-book for an employe, explaining business methods of railroading, running trains, handling freight, etc., when it is as clearly one of the useful arts. The cataloger knows to which of these heads his book belongs, and the reader knows in which of its phases he wishes to examine the subject. Moreover, the 3 and 6 beginning the numbers indicate clearly the character of each class. But even if the significance of these figures were entirely disregarded, no confusion would result, for, on consulting either of the numbers in the catalog, in the scheme, or on the shelves the difference would be clearly seen.

## RELATIV SUBJECT INDEX

In other cases, it is more useful to keep the books on the same subject together, tho treated from different standpoints. A glance at the Index tells either reader or classifier which plan has been adopted for each case.

All topics printed in black-face type in the Index are further divided in the tables, where one may see the subheads. This saves reprinting all these subdivisions which would increase the bulk of the Index many-fold; e. g. if one having a book on "prison labor" looks in the Index for "Convict labor" or "Prison contracts," he finds at once its special number 331.5; but if, on the other hand, he thinks to look only for the general subject "Labor," he finds in black-face type the entry "Labor, political economy, 331," and turning to the tables he finds under 331 the subdivision "331.5, Convict labor," the exact topic in hand.

The greatest objection to a class catalog has always been the impossibility of knowing just where to put a book in cataloging, and just where to look for it when it is again wanted. Different librarians, or the same librarian at different times, class the same or similar books in widely different places. Where one man did all the work, and held his place for a long series of years, there was a certain degree of uniformity; but even then there was danger of looking at the same book from different standpoints, thus causing confusion. When the daily press is full of one phase of a subject, the tendency is strong to class all books on this particular subject from the current point of view; and next year, if a different side of this same subject is again before the public, there is the same tendency to class books from the new point of view, in this way separating books on the same and putting together books on different phases. But, fortunately, practical usefulness does not require that the ideas of this one or that one be followed, but only that books of the same character be always put in the same place, and that there be some means of knowing readily where that place is. The Relativ Index, with its catchwords, was designed and is found in use to meet both these requirements, for it insures that books on the same phase of any subject coming before the classifiers shall be assigned to the same place, and that any reader seeking these books shall be referred to that place. If this is done, all requirements of a good classification are filled. If it is not done, the system is a failure; for the only real test of any scheme is its helpfulness to workers in the library.

Some prominent opponents of class catalogs admit that the Relativ Subject Index, in deciding where to class a book at first, and where to look for it ever afterwards, has removed their strongest objections. Certainly it would be impossible to make an Index more compact or more easy of reference.

This Index allows a great portion of the work of classification to be

done in advance by experts, thus securing, at the merest fraction of the usual cost, better and more uniform results than would be possible to the ordinary cataloger, and reducing the labor of classing a library to much narrower limits than ever before.

Each of these thousands of subjects has been carefully assigned its number, many of them after long consideration and consultation with specialists. No individual is sufficiently learned to class wisely books on all subjects and sciences; but botanists can assign all botanical subjects to the right number, mathematicians all mathematical topics, and thus the Index will in time become as accurate as the best scholarship of the day can make it. Even if the decision reached were not the wisest possible, all practical purposes are served, because, as each cataloger copies the number from the same index, all books on that subject will be placed together; and, as each reader gets his number from this same Index, he will go directly to the books he seeks.

**What the Relativ Index includes.**—Most names of countries, towns, animals, plants, etc. have been omitted, the Index containing only those which are in the tables; e. g. it cannot enumerate all the species of trilobites, but when the classifier has found from the proper reference books that *Remopleurides* is a trilobite, the index will send him to 565.39, and he can classify his monograph on that subject.

**Tables.**—The essential complement of the Subject Index is the tables of classification, so mapped out as to show in four ways—viz., by size of type, face of type, indentation, and number of figures prefix—the rank of each subject in the classification.

The field of knowledge is divided into nine main classes, numbered by the digits 1 to 9. Cyclopedias, periodicals, etc., so general in character as to belong to *none* of these classes, are marked *nought*, and form a tenth class; e. g. class 1 is the library of Philosophy; class 5 is the library of Science; class 9, of History, etc. These special classes or libraries are then considered independently, and each one is separated again into nine special divisions of the main subject, numbered from 1 to 9, as were the classes, general works belonging to *no* division having *nought* in place of the division number. Thus 59 is the ninth division (Zoölogy) of the fifth class (Science). A third division is then made by separating each of these divisions into 10 sections, numbered in the same way with 0 and the nine digits; and this decimal subdivision is repeated, till it secures as many subsections as may be needed in any topic. Thus 513 is the third section (Geometry) of the first division (Mathematics) of the fifth class (Natural science). This number, giving class, division, section and sub-section, if any, is called the classification or the class number, and is applied to every book and pamphlet belonging to the library. All geometries are thus numbered 513, all mineralogies 549, and so throughout the library all books on any given subject bear the number of that subject in the scheme.



Where 0 occurs in a class number, it has its normal zero value. Thus a book numberd 510 is class 5, division 1, but *no* section; i. e. the book treats of division 51 (Mathematics) in general, and is limited to no one section, as is geometry, markt 513; 500 indicates a treatise on science in general, limited to no division. A naught occurring in the first place would in the same way show that the book is limited to no class; e. g. a general cyclopedia which treats of all nine classes.

**Choice and arrangement of heads.**—The selection and arrangement of the many thousand heads of the classification cannot be explaind in detail for want of space. In all the work, philosophical theory and accuracy have been made to yield to practical usefulness. The impossibility of making a satisfactory classification of all knowledge as preservd in books, has been appreciated from the first, and theoretical harmony and exactness have been repeatedly sacrificed to practical requirements.

**Sequence of allied subjects.**—Wherever practicable, heads have been so arranged that each subject is preceded and followd by the most nearly allied subjects, and thus added convenience is secured both in catalogs and on shelves; e. g. Building (690) follows Mechanic trades (680) at the end of Useful arts, and Architecture follows at the beginning of Fine arts.

The student of Biology (570) finds fossil life or Paleontology (560) before, and vegetable life or Botany (580) after, this followd in turn by animal life or Zoölogy (590), ending with Mammals (599); while Useful arts (600) begin with human Anatomy (611) under Medicine, thus giving a regular growth from the fossil plant thru the vegetable and animal kingdoms to the living man.

**Co-ordination.**—Theoretically, the division of every subject into just 10 heads is absurd. Practically, it is desirable that classification be as minute as possible, without use of added figures; and the decimal principle, on which our scheme hinges, allows 10 divisions as readily as a less number.

This principle has proved wholly satisfactory in practice, tho apparently destroying proper co-ordination in some places. The difficulty in such cases is entirely obviated by the use of another figure, giving nine sub-sections to any subject of sufficient importance to warrant closer classification. In history, where classification is made chiefly by countries, a single figure is added, as in the other classes, to give a tenfold geographical division, and a zero followd by another figure is added to give a division into periods.

As all history is by countries, and as minute geographical subdivisions are needed for travels, guide books, and various other uses, the rule is adopted always to use 0 before the time or period figure. The 0 shows that there is no farther geografic division in that number, and that a period division is there introduced. This allows the use of

the same period division in various places, e. g. 942.05 England in time of the Tudors ; 942.905 Wales under the Tudors ; 942.7405 Yorkshire under the Tudors. As each figure added gives a tenfold division, any desired degree of minuteness may be secured in classing special subjects.

As in every scheme, many minor subjects are under general heads to which they do not strictly belong. In some cases, these heads are printed in a distinctiv type ; e. g. 429 Anglo-Saxon, under English philology. The rule has been to assign these subjects to the most nearly allied heads, or where it was thought they would be most useful. The only alternativ was to omit them altogether. If any such omission occurs, it will be supplied as soon as discovered, the intention being to provide a place in the tables for every known topic.

**New subjects.**—When any new topic arises, it is always closely related to some existing heads. If there be no blank space left for it, it is combined with the head nearest allied, and, if desired, by adding a decimal place abundant room is made for the new comer. The system is thus capable of unlimited expansion, and can never break down for lack of room for growth.

**Catch-titles.**—In naming headings, strict accuracy has often been sacrificed to brevity, for short familiar titles seemd more important than that the names given should express with fulness and exactness the character of all books catalogd under them. Many subjects, apparently omitted, will be found in the Index, assignd, with allied subjects, to a head which bears the name of the most important only. Reference to this Subject Index will decide at once many doubtful points.

**Form distinctions.**—The classification is mainly by *subject* or *content* regardless of form ; but an additional form distinction for general treatises is found practically useful.

Thus, in Science there are many compends, dictionaries, essays, periodicals, and societies, treating of Science in general, and so having 0 for the division figure, but treating it under different forms, and, therefore, divided into sections according to this form : 501 for philosophy or theories of Science, 502 for compends, 503 for dictionaries. This treatment is as nearly as practicable uniform in all classes. Creasy's "Fifteen decisive battles" is 904, the first figure being 9, because the book is clearly history ; the second figure 0, because limited to no division of class 9 ; and the third figure 4, because the book is a collection of essays.

These form distinctions are introduced at the beginning of the class because the number of general works is large, and these first numerals would otherwise be unused. They apply only to general treatises, which, without them, would have a class number ending in two naughts.

This form distinction is often used to subdivide general works on

divisions or even sections; e. g. under 510, works on mathematics in general are divided by form into 510.3, dictionaries of mathematics; 510.4, essays; 510.5, periodicals, etc., just as works on Science in general were divided. A dictionary of mathematics is 510.3, not 503, because every book belongs to the most specific head that will contain it; so 503 is limited to dictionaries or cyclopedias of science in general. Books treating of many subjects, such as general cyclopedias or periodicals, go in class 0, and are then divided by form into cyclopedias, periodicals, or societies.

Form divisions always have the same set of numbers, preceded by 0, viz.: 1, philosophy, theories, etc.; 2, compends, outlines; 3, dictionaries, cyclopedias; 4, essays, lectures, letters, etc.; 5, periodicals, magazines, etc.; 6, societies, associations, transactions, reports, etc.; 7, education, study, teaching, training, etc.; 8, polygraphy, collections, etc.; 9, history. Thus a periodical on any subject has the subject number followed by 05; e. g. a periodical on public health, 614.05.

But if the number already ends in 0, 0 is not repeated before form-division figures; e. g. a zoölogical magazine is 590.5, not 590.05.

**Minute classification.**—On first publication in 1876, a common criticism was that 1,000 heads could never be successfully used, however desirable so close classification might be. As soon, however, as actual experience proved it as easy to use 1,000 heads in the new system as 100 in the old, the obviously great practical value of close classification led one user after another strongly to urge the publication of subdivisions. This is now done in such a way that one may use the whole or any part of the sub-sections and ignore the rest without difficulty or confusion, thus allowing each to use minute subdivisions where he wishes or needs them, without being forced into refinements in subjects where he has few books or little interest. The first three figures only may be used as before, and the rest show the scope of the subject. On many topics minute sub-sections are printed simply for this purpose, and for use in indexing periodicals, transactions of societies, and in keeping notes.

The advantage of close classification is unquestioned, if the user knows just what it is. With this plan it is not only practicable, but comparatively easy. If there are only 10 books on a given topic, it is useful to have them in groups among themselves, for otherwise they would have only accidental order, which is of service to no one. A reader wishing a specific book should go, not to the shelves, but to the Author-and-title catalog, where he can find its place quickest. If he wishes a specific subject, he is sent instantly to the exact place by the Subject-Index. If he wishes to study the library's resources at the shelves, he will be *greatly helped by the most minute classing*. A teacher showing his pupil the material on any subject, if there are only 20 books, would surely put together those covering the same points, if

there are even two. Much more should librarians group closely their greater collections, that readers may gain something of the advantages of an experienced guide.

Thus every specialist has his own special library. If a student of science in general, he is sent to class 5; if his department be zoölogy, his library is 59; if his specialty is shells, he finds all works and references on that subject in library 594. Whether a specialist needs it or not, every subject being a library by itself, shows resources and wants as no catalog can show them. A catalog cannot be made to take satisfactorily the place of handling books themselves. This advantage weighs most in a college or society library, where many go to the shelves; but even if librarians only are admitted, close classification is worth its cost in the added power it gives.

**Mnemonics.**—Arrangement of heads has been sometimes modified to secure mnemonic aid in numbering and finding books without the Index; thus China has always the number 1. In Ancient History, it has the first section, 931; in Modern History, under Asia, it has 951. Similarly the Indian number is 4; Egyptian, 2; English, 2; German, 3; French, 4; Italian, 5; Spanish, 6; European, 4; Asian, 5; African, 6; North American, 7; South American, 8; and so for all divisions by languages or countries. Italian 5, for instance, is in 035, 055, 065, 450, 850, 945, and many others. This mnemonic principle is specially prominent in Philology and Literature, and their divisions, and in *form* distinctions used in the first nine sections of each class. Philosophy, methods, or theory occurring as a head is always 1; dictionaries and cyclopedias, 3; essays, 4; periodicals, 5; associations, institutions, and societies, 6; education, 7; polygraphy or collections, 8; history, 9. In numerous cases several minor heads are grouped together as Other, always numbered 9.

While Italian is always 5, 5 is by no means always Italian. Grammar is 5, Periodicals are 5, Asia is 5, Oratory is 5, etc. Even were it possible, to limit 5 to Italian would waste numbering material, and results would not justify cost. The purpose is to give practical aid, not to follow a fanciful theory. A cataloger marking a German grammar, remembers that all Philology begins with 4, and, as German is always 3 and grammar 5, he knows the number must be 435. Italian (5), poetry (1), is as plainly 851 with no danger of being mistaken for "poetry of grammar" or "theory of Asia," because the numbers also have that meaning. This feature is an *aid*, not the regular method, and in all doubtful cases one refers at once to index or tables. Suggested difficulties are usually creations of ingenious theorists and not an outgrowth of practical experience in using this plan.

Wherever practicable, this mnemonic principle is used in subdividing sections. 558, Geology of South America, is subdivided by adding the *sections* of 980, History of South America. Geology of Brazil then

must be 558.1: mnemonically, the first 5 is the Science number; second 5, Geology; 8, South America; and 1, Brazil. Any library attendant or regular user of the scheme recognizes at a glance 558.1 as Geology of Brazil. This mnemonic feature occurs in several hundred places in the classification, and is of great practical utility in numbering and finding books without catalog or index, and in determining the character of any book simply from its call number. The extent of its use is shown in the four tables appended to the main Index, giving alphabetical lists of (1) subjects, with class number of each, which may be subdivided geographically; (2) form divisions, with the figures to be added in making such division; (3) languages, with their class numbers, which may be further subdivided philologically by adding the figures given in Index table 4; (4) philological divisions, with the figures to be added in subdividing any language in Index table 3.

As in close subdivision, the wish for mnemonic correspondence has never outweighed any claim of greater usefulness. In many cases choice between numbers was hardly perceptible, e. g.: whether in philology the order should be French, Spanish, Italian, or French, Italian, Spanish. In such cases mnemonic numbers were given preference, and 17 years has proved this wisest. Great gain, beside ease of remembering, results from this uniform use of the same numbers with the same meaning whenever a similar division is made. Wherever a division by languages or countries is made, it follows philology or history numbers, and in the tables, the note "Divided like 900" fully takes the place of reprinting all the history subdivisions. This saving justifies use of these numbers in some cases, even where a somewhat different order might seem more nearly fitted to the special case; e. g. in 342 an order which would put the constitutional history of Canada (342.71) and Australia (342.94) next that of England (342.42) would be better adapted to the special case than the actual order which separates them both from England and each other. Still by following the usual "procrustean" numbers, many topics can be subdivided minutely without further study, by simply applying the History or Language subdivisions. A single illustration of the astonishing power this principle gives will suffice, tho there are thousands that might be given: 016 is "Bibliography of special subjects, divided like the regular classification," therefore by aid of the tables under 581, 016.581974742 readily translates itself to users of the system into "Bibliography of the flora of Albany co., N. Y." While these 12 figures might never be used, if a specialist wishes minute division, it is ready to his hand, conforms to the Index, and will be clearly understood by any one familiar with the plan. A specialist in such cases would probably adopt a contraction for his long number, and use in full only the minute divisions. See p. 35 for such contractions.

**Decimalism.**—We have not sacrificed utility in order to force sub-

jects on the decimal procrustean bed. *Decimals have been used as servants, not as masters.* When subjects have been combined or separated into just 10 heads, it has been from no necessity of the scheme, but because it seemd the most useful way, all things considerd. In many cases there were at first only three to seven heads instead of 10; but usually, during three years of testing before first publication, it was found useful to divide some of these heads, and, as it took no added space or labor, there was no objection to it. On the other hand, there were cases where more than 10 heads seemd more natural; and, as any number up to 100 is provided for by adding one decimal place, this was done in most cases. As only 1000 sections were first printed, it was often necessary to put two or more closely allied topics together under the same number, as must still be done whenever a library limits the number of figures used to three; but during the 14 years that the system has been in print, subdivisions have multiplied, till now every important topic has its own special number. The scheme gives us for each topic, as it were, a case of nine pigeon-holes, with a large space at the top; and we use them as every practical business man uses such pigeon-holes about his desk. If, as in 220, there are less than nine main topics, it is often convenient to use the extra spaces for subdivisions. Thus we keep separate, under the Old Testament, the historical, poetical, and profetical books; and under the New Testament, the gospels, epistles, and apocalypse. The spaces are there, and it is convenient to use them,—a reason that experience proves a good answer to the charge of lack of coördination, tho indention and type in the tables make that charge baseless. Then in 280, having more than nine topics,—if we are using only three figures,—we put Congregational in the same space with Presbyterian, and all the little denominations together in the last box, just as the business man puts his papers in his pigeon-holes. If he insisted on having a different case made to order for each use, it would cost over twice as much; he could not group them together or interchange them, and they would not fit the shelves of his office as now.

There has been a perverse misapprehension of this feature, and critics oftenest stumble over "procrustean 10." In fact, this is an element of usefulness. A railroad also has the fault that it is procrustean in its path and in its times. It cannot come to your door nor wait your convenience, as did the stage-coach or carriage; it cannot go to the fields for its loads of produce; it cannot turn out for obstacles; and it is simply because it is procrustean that it can do its work so much better and quicker and cheaper. The parallel could be fairly extended to many other cases, but any thoughtful mind will recognize that the economy and ease of working the Decimal system are dependent on its being procrustean. Without it we should lose the great simplicity of the Relativ Index, many mnemonic correspondences, and the useful

o to indicate form and period divisions. Our intersecting lines of space and time in History, etc., of language and form in Literature and Philology, and scores of similar advantages, depend wholly on procrustean 10, or else on some other number equally procrustean, but lacking the advantages of exact correspondence to our arithmetic.

**Relativ location.**—Economy and simplicity called not only for the Subject Index, but also for some plan of consolidating the two sets of marks heretofore used; the one telling of what subject a book treats, the other where the book was shelvd. By relativ location and decimal class numbers we have made our simple Arabic numbers tell of each book and pamphlet, both *what* it is, and *where* it is.

In arranging books on the shelves, absolute location by shelf and book number is wholly abandond, relativ location by class and book number being one of the most valuable features of the plan. Accompanying the class number is the book number, which prevents confusion of different books on the same subject.<sup>1</sup> In finding books, the printed numbers on the backs are followd, the upper being the class and the lower the book number. The class is found in its numerical order among the classes, just as the shelf is found in the ordinary system. Shelves are not numberd, as increase of different departments, opening of new rooms, and any arrangement of classes to bring books most circulated nearest the delivery desk, will at different times bring different class numbers on any given shelf. New books, as receivd, are numberd and put in place, in the same way that new titles are added to the card catalog.

Thus all the books on any given subject are found standing together, and no additions or changes ever separate them. Not only are all the books on the subject sought found together, but the most nearly allied subjects precede and follow, they in turn being preceded and followd by other allied subjects as far as practicable. Readers not having access to the shelves find short titles arranged in the same order in the shelf list, and full titles, imprints, subject and cross references, notes, etc., in the subject catalog.

Parts of sets, and books on the same or allied subjects, are never separated as they are sure to be, sooner or later, in every library arranged on the common plan, unless it be frequently re-arranged and recatalogd. The great expense of this makes it impracticable except for a few wealthy libraries. In this system both class and book numbers remain unchanged thru all changes of shelving, buildings, or arrangement.

Among hundreds of points raisd by librarians as to its practical workings and usefulness, the only one in which it was not shown to be equal or superior to the old systems was that in this relativ location a

---

<sup>1</sup>For suggestions regarding forms of book numbers best used with this scheme of classification, see p. 30.

book which this year stands, e. g. at the end of a certain shelf, may not be on that shelf at all another year, because of uneven growth of the parts of the library. This slight objection, however, inheres in any system where books are arranged by subjects, rather than by shelves, windows, doors, and similar non-intellectual distinctions.

**Sizes on shelves.**—Most libraries have abandoned close distinction of sizes. It is true that this distinction saves a little space, but at far too great a cost; for every distinction of sizes makes a parallel classification. If books are grouped in five sizes, one must look in five places before he can be sure of having seen all the books.

It is better to shelve octavos and all smaller books together in one series, and arrange in parallel libraries only quartos and folios, which are too large to stand on the regular shelves, showing the series in which any oversize book is put by a size letter prefix to the book number; e. g. 749 qA, to show that book A on Artistic furniture is too large for the regular shelves, and so is placed in the q or quarto series. Another way is to use a wood or pasteboard dummy, to show the location of a book not in its regular place. But, however solved, there is no conflict between the size problem and the Decimal Classification.

## CATALOGS

Any system of catalogs may be used with this scheme. But the two essentials of even the simplest system are the author (or preferably name) catalog and the shelf list. The chief use of the system for catalogs is for the latter and for the class catalog on cards.

**Name catalog.**—In the name catalog on cards, arranged strictly by names of authors and of persons or places written about, the class number holds a subordinate place, yet is constantly useful. If printed, it appears in a single column as in the Relativ Index, and, where there is no subject catalog, one can rapidly pick out the books on any desired topic by glancing down the column for the class number wanted.

**Shelf list.**—In the shelf list the class number is again highly important, as it makes of the list the most useful form of brief subject catalog. Each page gives in columns accession number, author's name, and brief title of every book in the library on the specific subject bearing that class number.

**Subject catalog.**—In the card catalog of subjects the classification is mapped out above the cards by projecting guides, making reference almost instantaneous. Subjects are arranged in the 1, 2, 3 order of their decimal subject numbers exactly as in the classification tables, and the cards of each subject are then further arranged alphabetically by authors.

The printed subject catalog on this plan is also the most compact and satisfactory in use. Under each class number are given the resources of the library on that subject, the heading giving for conven-



ience the name as well as the number of the subject ; e. g. " 513 Geometry." General notes are printed in finer type under general heads, and an index at the end shows where to open the book to find any topic. As class numbers are put in place of page numbers, this index serves for any catalog, list or library arranged on this plan.

**Dictionary catalog.**— While it is as easy to use the dictionary catalog with this system as with any other, we find the common dictionary catalog inferior to the clast, for nearly all practical purposes. The dictionary plan, if used in a catalog, must give results very unsatisfactory to students, or else very expensive to makers.

The failure of the dictionary catalog to meet the requirements of the scholar has been often pointed out. While it is far the best for an index, there still exists much of the same need of a good clast catalog as at the first. But the difficulties in the way both in making and using such a catalog have heretofore been so great that there has been a conviction among many practical librarians that notwithstanding its great advantages, the idea must be abandoned as impracticable, while other eminent authorities have ably argued that the poorest clast catalog is better than one unclast, and that any use of such a catalog is in itself a lesson in bibliography. Now that the serious difficulties of making a good clast catalog have been so largely removed by the simple numbers and Relativ Index of the decimal plan, the merits of the clast over the more common dictionary system are becoming doubly prominent.

The Subject Index of this system is a skeleton dictionary catalog, covering everything not fully covered by the "name catalog." Instead of giving the book titles under each head, the number refers to all those titles simply and directly. The index may be made on any of the various dictionary plans, with all the advantages it may possess. To us the simplest seemd the best. We give only short headings with a brief indication in doubtful cases of the point of view taken in assigning the class number.

We therefore unite the advantages of the dictionary and clast catalogs, not by mingling them together, and so losing much of the simplicity of one and as much of the excellence of the other, but by really using both, each with its own merits. Only one set of titles is needed, for the class numbers make them available for both catalogs.

### ADVANTAGES

**Shelves.**— The system on the shelves is the simplest form of relativ location. Many libraries have adopted it for shelf arrangement, where catalogs recently printed, or large investment in another plan, made it too expensive to change anything else. The advantages here have been already mentioned under Relativ location, p. 19.

**Shelf list.**— By simply printing the shelf list at any time, a subject class list of the best kind is made for any topic on which there may be

present interest; e. g. if a town contemplates a new water supply, interest is greatly stimulated, and everything about water-works is wanted. The librarian has only to open his shelf list to 628.1 and 352.6 and print it. This great advantage is gained with but slight variation from the form found best in its regular use as a shelf list for yearly examination of the shelves to detect losses and misplacements.

**Accession book.**—From the accession book, tables of the number of books added on each subject are readily made from the shelf mark columns. A glance at it shows the character, by subjects, of the books added during any given period, for, wherever this class number occurs, it tells not only where the book is shelved but also what it is about.

**Pamphlets.**—These class numbers applied to pamphlets have proved specially satisfactory. The number is written on the upper left corner, and the pamphlets are shelved in pamphlet cases side by side with books on the same subject, or they may be kept on special shelves divided every 10 cm. by perpendicular partitions. Little expense is incurred, and yet the entire pamphlet resources of the library on any subject can be produced almost instantly. The immense advantages of this plan over those in common use, both in economy and usefulness, will be appreciated by every librarian in charge of a pamphlet collection. A name or author catalog is made on slips if time allows. The pamphlets themselves are the best subject catalog. Uncataloged pamphlets treating of any subject bear the same class number, and are arranged on the shelves in a case immediately before or after the books of each section, or, if preferred, each pamphlet may be put in exact place as if bound.

The tendency grows to put all material under its class number on the regular shelves, for the same reasons that have led to giving up division by size of books. One examining a subject likes to see all the resources in one place so far as possible.

**Sale duplicates.**—The same arrangement is admirable here. They are so constantly changing that a catalog can hardly be afforded, and a subject arrangement on any other plan than this is difficult to maintain. Still, it is very essential that there be some means of knowing what duplicates there are on any given subject. By simply penciling the class number on the books and arranging them numerically, it is possible to give this information more quickly and more satisfactorily than by any other method, and at the same time with less expense.

**Charging system.**—Here as elsewhere it serves all ordinary purposes, with special advantages of its own. On the library accounts the character of each person's reading is clearly indicated by the numbers charged, and minutest statistics of circulation in any subject are made by simply counting the call slips in the register or check box, and entering the number against each class in the record. The whereabouts of any book wanted, or the amount of use of any subject, is seen at a glance. This decimal check box can be used in any system. Its

peculiar advantage with this classification is that it always exhibits, correct to the hour, a complete table of all books off the shelves in each subject. The slips in box 53 show just how many and what books are out in Physics; the slips under 823 show all the English novels in circulation, and who have them. Such a table of circulation always at hand, and without an item of expense or labor,—for the check box is necessary as a record of loans,—is highly prized by all interested in the character of books read, and at no time has so much wise attention been given to educating the taste of readers in our public libraries as at the present. To convert this table into permanent statistics involves only the trifling labor of recording as often as desired.

**Subject references.**—In no place are the peculiar advantages felt more than here. Many users of the system are undertaking analyses and cross references to an extent not hitherto thought practicable or hardly possible. These few figures tell as clearly as a long heading exactly what the reference is, while the gain in ease of use is even greater than the time and space saved in recording. The clearness and directness of the method aid wonderfully in this work. References to transactions, or chapters in essays, may be made in the most compact and usable form.

**Recataloging.**—When Amherst College in 1873 adopted the plan, and began to recatalog its library, it was found entirely practicable to make the change to the new system gradually, as means allowed, without interfering in any appreciable degree with the circulation of the books. The methods employed for thus changing without interrupting use must vary according to the different conditions of each case. The essential feature is some distinction between old and new call-numbers, sufficiently marked to be easily recognized by attendants. Since call-numbers ordinarily consist wholly of figures, the initial letter of the Cutter author-numbers furnishes this requisit. All numbers consisting of figures only are then recognized as belonging to the old, and all numbers containing a letter as belonging to the new system.

**Adaptability.**—The system is so flexible that it adapts itself to almost any circumstances. It may be used in almost any one of its applications without the others, and with a proportionate result. It may be applied to pamphlets alone, bringing order out of chaos, and solving this vexed and vexing problem; or it may be used for the catalogs, leaving the arrangement on the shelves as before; or it may be applied to the shelves, while the catalog is on the dictionary or any other plan, and so on.

**Arabic numerals.**—Arabic numerals can be written and found quicker, and with less danger of confusion or mistake, than any other symbols. Therefore, Roman numerals, capitals and small letters, and similar symbols usually found in systems of classification, are entirely discarded, and by exclusive use of Arabic numerals throughout the shelves,

indexes, catalogs, and records, there is secured the greatest accuracy, economy, and convenience. This advantage is specially prominent in comparison with systems where the name of the author or the title must be written, in calling for or charging books and in making references.

**Endowment of special departments.**—Another great advantage of this plan is its peculiar adaptability to the plan of endowing special departments. One specially interested in any subject can often be induced to endow that subject with a sum, of which the income shall each year buy all the best books that appear on it.

If John Doe is specially interested in the opera, the library says to him: "Give us \$1000 as an endowment of 782, and we will call it the Doe Library of Dramatic Music. There will be found every book, pamphlet, newspaper clipping, or ms. that the library has or can get on this subject. Gifts from others will be placed in the Doe Library, the donor's name being given on the book-plate, and for generations to come every person interested in the opera will be grateful for your foundation." In this way 782 is assigned to John Doe, and his pride is stimulated in developing it. If another man with larger means and interest will endow the whole subject of music 780, there is no difficulty or impropriety in including 782, the Doe Dramatic Music Library as the second section of 780, the Roe Music Library.

This is one of the most promising fields for development, for almost every library has among its readers some specially interested, who if properly approached would endow some topic, even if a small one, and this relative location, with its definite number expressing just the ground covered, may be of great service in working up this plan of special endowments.

**Summary.**—The claims of the system may be summed up as follows: Compared with other systems it is less expensive; more easily understood, remembered, and used; practical rather than theoretical; brief and familiar in its nomenclature; best for arranging pamphlets, sale duplicates, and notes, and for indexing; susceptible of partial and gradual adoption without confusion; more convenient in keeping statistics and checks for books off the shelves; the most satisfactory adaptation of the card catalog principle to the shelves. It requires less space to shelve the books; uses simpler symbols and fewer of them; can be expanded, without limit and without confusion or waste of labor, in both catalogs and on shelves or in catalogs alone; checks more thoroughly and conveniently against mistakes; admits more readily numerous cross references; is unchangeable in its call numbers, and so gives them in all places where needed, as given in no other system; in its index affords an answer to the greatest objection to class catalogs, and is the first satisfactory union of the advantages of the class and dictionary system.

## SUGGESTIONS TO USERS

In referring to tables, hold the book in the right hand and turn with the left, then the class numbers show very plainly on the left margin and reference is greatly expedited. Some prefer to hold the book in the left hand, but in any case the eye should follow the left pages wholly.

## PLAN OF BOOK

**Tables.**—The first page of tables shows the 10 classes into which all topics are divided. The next page, showing the nine divisions of each of the 10 classes, is a bird's-eye view of the whole scheme on a single page. Then follows a synoptic view of 10 pages, one for each class, showing the nine sections of each division of each class.

Following these synopses is the complete classification, which repeats in proper order classes, divisions, and sections, with all their subsections. For the convenience of the user, who thus gets a fuller and clearer idea of the field which each number covers, synonymous terms, examples, brief notes, dates, and various catch-words are often added to the main heads. Therefore all references to numbers **should be looked up in the full tables** of subsections, using the summaries when only a synoptic view is wanted.

**Index.**—Next is an alphabetical index of all the heads, referring by class number to the exact place of each in the preceding tables. This Index includes also, as far as found, all synonyms or alternative names for heads, and any other entries that seem likely to help a reader find his subject readily. Tho the user knows just where to turn to his subject in the tables, if he consults the Index, he may be sent also to other allied subjects, where he will find valuable matter which he might otherwise overlook.

**Numeration.**—In thinking or speaking of the class numbers, to avoid confusion **always divide at the decimal point, and name it**; e. g. read 942.27 "nine forty-two, point twenty-seven," never "ninety-four two twenty-seven." If "point" were omitted, the ear might readily interpret 270.2 (two seventy, two) as 272, while "two seventy, point two" can never be misunderstood.

## USE OF TABLES AND INDEX

**Familiarity with classification.**—Get a general knowledge of the scheme by learning the 10 main classes [you will soon know the 100 divisions also without special study], so that you can tell to what subject a given number belongs from its first figure without referring to the tables. Specific knowledge of minute divisions will come gradually, but rapidly, from use. Using the tables alone, and then always verifying your result by the Index, you will more rapidly acquire knowledge of the classification and facility in its use. To do this, decide first to which of the 10 classes the subject belongs; next, take that class as if

there were no other, and decide to which of its 10 divisions the subject belongs; then, in the same way, select section and subsection, thus running down your topic in its grooves, which become tenfold narrower at each step. **As a check against error, use the index freely, even tho familiar with the scheme.**

**Subject of a book.**—To find out the subject of a book consult :—

1. **The title**, since it is generally chosen to show what the book is about. But as many titles are misleading, never class from title alone, but always examin also

2. **Table of contents**, which is the best guide to the true subject. If there is no table of contents read

3. **Headings of chapters**, or marginal topics.

4. **Preface.**—Unless already certain, glance thru this to catch the author's point of view, and verify impressions gaird from title and contents.

5. **Reference books.**—If preceding means fail, consult reliable bibliographies, clast and annotated catalogs, biographical dictionaries, histories of literature, cyclopedias, reviews, etc., for information about the character of the book.

6. **Subject-matter.**—If the five shorter methods above fail, examine the subject-matter of the book itself, and if still in doubt, to avoid mistakes, put aside on an "under consideration" shelf till you can examin more thuroly or consult

7. **Specialists.**—Experts, competent to define their true subject and relation, are usually glad to examin enough to class any new books in their departments. Old ones they know where to put already.

After deciding what the book is about, find this subject in the tables, either thru the Index or by using the tables directly, which for the beginner is a longer process, seldom to be trusted without subsequent reference to the Index; e. g. *Pollock's Land laws* might naturally be clast from the tables alone as "333, Land; ownership; rights; rent," which seems exactly to fit this book. The Index, however, shows two numbers, both referring to land laws, but from different points of view; viz: 347.2, legal, and 333, economic. The object of this book, as seen in the preface, is to give a popular presentation of English statutes pertaining to landholding, not to discuss the history and theory of land laws from the economist's point of view; and it should be clast "347.2, Realty," which might have been mist but for the Index.

**Assigning class numbers.**—1. Practical usefulness is the chief thing. Put each book under the subject to the student of which it is most useful, unless local reasons "attract" it to a place still more useful in your library. See p. 27<sup>o</sup>.

2. The *content* or the real subject of which a book treats, and not the *form* or the accidental wording of the title, determines its place.

Following this rule, put a philosophy of art with Art, not with Philosophy; a history of mathematics with Mathematics, not with History; for philosophy or history is simply the *form* which these books have taken. Their true content or subject is Art or Mathematics, and to the student of these subjects they are most useful.

3. Always remember that the question is not where one would probably look to find a particular book, but under what subject is the book of greatest value; e. g. it is of little consequence whether "one would be apt to look" under 595.1 for *Darwin's Formation of vegetable mould*, but of much consequence that one studying earth-worms should find that book in 595.1 Worms, since it is chiefly valuable as a study of the habits of earth-worms. Any one wanting that special book would look for it in the name catalog under Darwin.

4. Assign every book to the most specific head that will contain it. This will vary in different libraries according to the number of figures used, e. g. the specific head for "compulsory vaccination" is 614.4738; but in a library using only three figures, the most specific number possible is 614, which must take everything on Public health.

A library recently adopted the plan of putting all books of a division together, if they had but few; e. g. all mathematical works were marked 510. It took just as many figures, cost just as much labor in most cases, and, if a man wanted the one calculus in the whole library, he had to search through the 150 volumes in 510, when otherwise he would instantly have found it standing alone as 517. See also "Number of figures in class number," p. 287.

5. The predominant tendency or obvious purpose of a book usually decides its class number at once. Still a book often treats of two or more different subjects. In such cases assign it to the place where it will be most useful, and make references under all subordinate subjects. Give these reference numbers both on book plate and subject card, as well as on reference cards.

It is one of the marked advantages of the plan that these references, notes, etc., may be added from time to time as found convenient. It is necessary at first to find only the predominant tendency of the book in order to classify it. Subject references are added whenever found necessary.

Add these numbers indicating more closely the character of the book as rapidly as possible, and invite all specialists to call the librarian's attention to every desirable subject reference noticed in their reading. These numbers take little room, are easily added, and in most cases are very valuable.

6. If two subjects have distinct page limitations, class under the first, and make analytic reference under the second. But if the second is decidedly more important or much greater in bulk, class under that,

with reference under the first. Always put a book under the first subject, unless there is good reason for entering it under another.

7. Consider not only the scope and tendency of each book, but also the nature and specialties of each library.

Any subject of which a library makes a specialty naturally "attracts" allied subjects. This influence is strongest in minute classification. To admit this variation, many subjects in the present scheme have two or more places, according to these different sides; e. g. a book on "school hygiene," which a medical library puts under 613, has also a place in 371.7, where the educational specialist requires it.

8. If a book treats of a majority of the sections of any division, give it the division number, instead of the most important section number with subject references. Unless some one section is so prominently treated as to warrant placing the book in it, class a book on four or more sections under the division number; e. g. class a volume on light, heat, and sound, under the head most fully discust, and refer to it from the others; but if it treats also of mechanics, hydrostatics, and pneumatics, class as 530, or general physics, tho no mention be made of electricity, magnetism, or molecular physics.

9. To secure uniformity, make for future reference full notes of all difficulties and decisions; for it is of more importance to put books on the same subject together than to put them in the absolutely correct place.

These notes should be written either on the broad margins of the classification tables, or on an interleavd copy, or on P slips arranged by class numbers, like the clast catalog.

10. Keep collected works, libraries, etc., together, and assign like individual books to the most specific head that will contain them; or assign to the most prominent of the various subjects on which they treat, with subject references from the others; or separate and class the parts as independent works.

This last practice constantly grows in favor, and many librarians now largely disregard uniform bindings and "series" lettering, and, unless contents of volumes are so connected that they cannot be separated, class each under the most specific head that will contain it.

11. Class translations, reviews, keys, analyses, answers, and other books about specific books with the original book, as being there most useful.

**Number of figures used in class number.**—Decide this according to circumstances in each library. Small libraries often use the minute subsections beyond three figures only in certain divisions like Travel, 913-919 (where a closer geographical division is needed) and where a fourth figure is necessary in 400 and 800 to separate different languages.

In very small collections two figures might do till growth required further division; but it is economy, and saves handling the books a



#### BUILDING NUMBERS

second time to use at least three figures at first, even in the smallest collection. In larger or rapidly growing libraries all subdivisions may be used for the same reason, tho the number of books may not at the time seem to justify it. Whether there are one or 1,000 books on any topic, they take no more space on the shelves if class minutely, and the work is done once for all. When large accessions come, even if a century later, this number will not have to be altered. A library having but 20 books on Education might think it unwise to use the full scheme, but the whole 20 would go on a single shelf, and take no more room, and the Index would refer more accurately to what was wanted. The number of books you have on any subject has in this system no special weight. In a relative location, any number of consecutive topics without a book waste no space on shelves or in catalogs. The numbers are merely skipt. This plan not only does no harm, but has the considerable negative value that looking for the number and finding it blank or skipt, shows that you have nothing on the subject, — a piece of information second in value only to finding something, for one need no longer search.

The practical objection to close classing is that it gives a longer number to charge in a lending library. In a reference library full subsections should be used. Where a short number is imperative, it is well to give the full class number on another part of the book plate, not to be used in charging, but as a guide to the contents of the book. Thus when the classifier has once examined a book, and found out just what it is about, the record is preserved for the benefit of others.

#### BUILDING NUMBERS

**Geographical divisions.**—In dividing by countries according to the note "Divided like 930-99," found so often in the tables, add only the number following initial 9, for this 9 means not locality but simply class 9, History; e. g. 942, history of England, analyzed is 9, history, 42, England (4 Europe, 2 England). If geology of England is wanted, add to 55 (the number for geology) 42 (the number for England), and you have 554.2. History of N. Y. state is 974.7, of which 747 is the locality number, and the number for N. Y. state administration, 353.9747, is built up by adding to 353.9 (the number for State administration) 747 (the number for N. Y. state).

**Language and literature.**—In 890, where the direction is to "divide like 490," note that 890, Minor literatures, and 490, Minor languages, correspond exactly, so that only the figures following 49 are to be added to 89 to build a minor literature number; e. g. Polish language is 491.85; adding 185 to 89, Minor literatures, gives 891.85 Polish literature. In brief, to form literature from philology numbers substitute 8

in place of the first figure 4; e. g. Sanskrit language 491.2, Sanskrit literature 891.2.

If the direction is to "divide like the main classification," as in 016, the number for the required subject is added exactly as it stands in the tables; e. g. bibliography of Polish poetry, 016.891851.

Combining numbers in a way not printed in the tables must be done with great care or confusion results. Many users, fascinated with the possibilities of the system, make combinations more ingenious than useful; e. g. "the horse's foot and how to shoe it" was recently marked 636.1682, i. e. the blacksmithing number, 682, being added to the horse number, 636.1, making a very long, useless number. Horse-shoeing is now added to the tables as 682.1. Often it seems well to the classifier to add a figure to show some distinction. It is short and desirable, but later he may find he has shut himself off from using some other division which he would greatly prefer. Every added figure must be clearly written in the tables and index, for no man's memory can be trusted. See 9, p. 28; and Cautions, p. 31.

## BOOK NUMBERS

**Author numbers.**—The invention of translation systems by which a name is represented by its initial with the rest translated into numbers, — e. g. Freeman, F 87,—has led most libraries to arrange books under each class number alphabetically by authors, or in local history by towns, or in biography by biographees. This keeps all works by the same author together, and in large classes enables one to find any book readily without consulting catalogs. One great advantage is that the same author has the same book number in every subject; i. e. the figures are significant like our class numbers, and translate themselves into the name. Great practical mnemonic convenience results from this peculiar form of book number. By far the most widely used of these translation systems is that of the Boston Athenæum, devised by the librarian, C: A. Cutter, and known as the Cutter numbers.

**Time numbers.**—A second arrangement of books under class numbers is chronological by dates of first publication. Its advantage is in presenting the historical development of the subject, the book written earliest being on the left, the latest work on the right, and then of any given book it is evident that all those on the left were written before it, all those on the right after it. In science this has special value, while in literature the author arrangement is better. A translation system of dates devised by W. S. Biscoe, makes the numbering of the year more compact and satisfactory than to write the date in full.<sup>1</sup>

<sup>1</sup>For full explanations and table of Biscoe numbers see p. 854-55

**Accession order.**— A third arrangement — simpler but otherwise less desirable — is in order of accession ; the first book in a class being 1, the second 2, the third 3.

It is entirely practicable to use two or even all three of these methods at the same time in the same library, one peculiarity of the system being the ease with which it may be adapted to almost any special circumstances. In fact, we use the chronological system in science where its advantages are most marked; the alphabetical system in literature where authors' names outrank dates; the old accession-order plan in special collections, which must be kept separate, and are no longer added to, since here the extreme simplicity of the 1, 2, 3 order is secured without any sacrifice. It is still better, if this last method is used, to number A, B, C, instead of 1, 2, 3, as 26 instead of nine books may be marked with one character, and chiefly, as it is highly desirable that each book number should begin with a letter which cannot be mistaken for the end of a class number, if the two are written on one line; e. g. the first book under 513, if numbered 1, might be so written as to confuse with subsection 513.1, but 513A could not be misinterpreted. If figures are used, care must be taken to write them as a fraction or with a mark of separation; e. g.  $5\frac{1}{3}$  or 513-1.

### VARIATIONS PRACTICABLE IN ADJUSTING TO SPECIAL LOCAL REQUIREMENTS

Some users assume that adoption of the Decimal Classification and Relativ Index carries with it other parts of the system which the author has used at Amherst, Wellesley, or Columbia colleges or in the New York State Library. In fact, the plan in each of these libraries differs somewhat from all the others, and many of the 200 public and private libraries now using the plan have adopted still other variations; for the special constituency, circumstances, and resources of each library must be considered in deciding what is best for it. This decision should be made by one familiar, not only with the library and its needs, but also with all methods of any merit and the comparative ease and cost of introducing them into any given library.

**Cautions.**— Having decided to adopt the system in its decimal form as worked out and printed, it must be determined whether to adopt certain variations, noted in 1-5 below as practicable, and in some cases useful and desirable. The inexperienced user is very likely to feel entirely competent, after once reading the tables (in fact, without reading more than a single page regardless of its bearings on hundreds of other places, and without so much as looking at the author's explanations), to institute a series of "improvements." Experience proves that nothing could be more disastrous. It seems a simple

matter to put a topic a line higher or lower, but in some cases this may affect over 100 different entries in the Index, and there is no possible way to be sure of correcting them except by examining each one of the 20,000 heads. Frequently proposed changes, carefully studied out and submitted as improvements, are shown by our old records to have been adopted and used in the exact form proposed till considerations which had not been foreseen forced us to change to the form as printed. Even after years of experience one is not safe in pronouncing on an apparent improvement without consulting the voluminous records of previous experiments.

Those who have used the system longest have been misled into adopting changes which on trial they were compelled to reject, going back to the original form at the cost and confusion of two changes. In so apparently simple a thing as introducing subdivisions on blank numbers, mistakes have often been made; and after it was too late to correct them the makers have regretted their neglect to consult the author and secure the advice and coöperation of those most familiar with the manifold inter-relations. Even were the independent divisions equally good, their numbers do not agree with those which will be put in the printed tables and index, so that every copy of the printed scheme will have to be corrected in ms. before it is usable in that library. The only safe rule is to make no changes or subdivisions without submitting them to the author, who will gladly advise on such matters without charge, not on the ground of any superior wisdom, nor even because of larger experience in this special work, but because in this way only can it be learned if numbers have been already assigned with different meanings.

The user who adopts the printed form avoids the criticism sure to be aimed at any possible scheme. The moment he makes one "improvement" he must defend all the heads or alter them to suit each critic. Much time is saved by saying that the scheme is used as printed, and blunders are the author's, not the user's. A list of changes that have been made by others without such consultation was written for this note, but is omitted lest it should seem invidious. They illustrate how easy it is for able men to make what no one questions after explanation to have been outright blunders, in improving and adding to the printed scheme. The author is always grateful for suggestions from any one, and, having already given so much time in the effort to improve this system for the common good of all users, he invites the cooperation of those interested in completing needed subdivisions and eliminating any errors that may remain either in tables or index.

The following brief notes show the most important variations found practicable in the "relativ index system," oftener called the "Dewey system." For its essentials see p. 8<sup>7</sup>-9.

1. **Letter notations for changes.**—To protect other users from confusion, the publishers insist, as the copyright entitles them to, that our numbers shall not be printed with changed meanings without some clear indication of the fact in the number itself. If the reasons that led us to adopt the form printed are not conclusiv to another, we wish to remove any obstacles to his use of the system with such changes as shall satisfy him. This can be readily done by using a letter, or some other character than the 10 digits, to mark changes; e. g., if you wish a different set of subdivisions under any number, make it out to suit, and number it a, b, c, etc. It will arrange in its exact place and exact order without difficulty, and no other user of the system will be confused by the numbers. In the index, cancel the 1, 2, 3, etc., you have discarded, and write in the a, b, c, etc., adopted. **Whenever you use our exact numbers, use also our meanings for them as indext.** When you add any features of your own, add new numbers of your own that cannot be mistaken for ours, using, of course, as many of our figures as are not changed; e. g., if you want a new heading next to 551.34, Icebergs, it cannot properly go as decimal 1. Mark it 551.34a, and it arranges as wisht. If you wish to change a head from one place to another, cancel it where it stands, and *leave that number blank* in the tables. Then insert the head in its new place as above, as if it had never been in the tables.

This plan of introducing letters or other symbols wherever each user pleases, will give all needed freedom to the personal equation and desire for originality, and meets all real wants for peculiar classification in peculiar cases.

**Fiction and juvenils.**—In some cases it is usually best to modify class numbers by letters as above. In popular libraries half of the circulation is often in fiction. A great saving is effected here by omitting the class number entirely and using merely the book number, it being understood that *no* class number means fiction. After fiction, their great circulation makes juvenils a good place to economize, if they are kept separate, as is usually thought desirable in popular libraries. The books are clast exactly as if for adults, then a J is prefix to show their special character. This gives J alone as the class number for juvenil fiction, and e. g., J942, for a child's history of England. These are arranged in a parallel library by themselves, so that J942 comes between J941, juvenil history of Scotland, and J943, juvenil history of Germany.

If at any time it seems desirable to abandon the separate J library, it can be done, without altering a number, by distributing the J books, among the regular classes, either ignoring the J entirely, or preferably by putting all the J books by themselves at the end of each class number.

There are thus three methods: 1, to have a separate J library; 2, to have the J books by themselves at the end of each class number; 3,

to have the J books in alphabetical order among other books on the same subject. In this last case the J is useful only to call attention plainly to their juvenil character.

The same marking is used for all these plans, and one can be changed into the other by simply distributing the books the other way, and telling the attendants that it has been done. Juvenil books go with adult books of the same class, unless a special J library is made, containing all juvenils.

**Biograpy.**—A similar plan is recommended for this large class, as to the best treatment of which there is great difference of opinion.

Beside the plan printed in the tables, two others are recommended, viz. ; to put all biografies in one alfabet of names of *persons written about*, marking all the books simply B for class number, and indicating the subject or biografee by a Cutter book number ; e. g. life of Grant, B G76. This is most compact for charging, and is preferd in popular libraries of large circulation.

The third plan is to distribute biograpy as far as possible to the subjects it illustrates, leaving, of course, under 920 lives not bearing specially on any subject ; e. g. all lives of musicians go under 780 and its subdivisions, the life of Wagner being 782.2 instead of 927.82 as in the tables. Even in this arrangement it is better to indicate that it is biograpy, putting B in place of the biograpy figures 92 ; i. e. mark Wagner's life B782.2 (927.822). Then it arranges either with 782.2 or with biograpy, as preferd, thus giving exactly the arrangement of the printed classification without changing a figure.

**Travel.**—By using T instead of B, the same principle gives a brief call number for the largely circulated class, description and travel.

**Parallel libraries.**—This treatment of fiction, juvenils, and biograpy illustrates the principle. Its other chief application is for language collections. Some libraries have a constituency not reading English, and so need a parallel library in German, or Swedish, or French, etc. This is most easily made by simply prefixing an initial to the class number. If to be arranged, as with us, in one series of subjects, this may be ignored, or all German books on each subject may be groupd under G at the end of each class number. The German parallel library is made by simply putting all G's together and arranging by class numbers. The initials used are G, German, F, French, I, Italian, Sp, Spanish, Sw, Swedish, Dn, Danish, Du, Dutch, N, Norwegian, R, Russian, W, Welsh, A, Arabic, etc. Where only one language is so markt in a given library, only one letter should be used, so as to avoid an extra letter in charging ; e. g. S will answer either for Spanish or Swedish if used in only one sense. This plan has proved very satisfactory in actual use.

**Combining language and literature.**—The same principle can be applied also in combining each language with its literature, if it is

preferred to abolish the class, Philology, and make it simply an appendix to Literature; and the reverse would hold true if a philologist wished to abolish Literature and make it an appendix to Philology; e. g. using 82p for English philology, and adding philology subdivisions, English dictionaries would become 82p3, English grammars 82p5, etc., and arrange either just before (or just after) English literature, 820, 821, etc. For a better plan see Broken order, p. 36<sup>7</sup>-37<sup>4</sup>.

**Reference library.**—To separate books most needed, the best plan is to mark R before class numbers, and arrange the books together, as an R library. When the books are to go into the general collection again, a line can be drawn thru this letter. In the same way it often happens that a general private library is given on condition that it be kept together; e. g. the Phoenix library of Columbia College. This has P prefix to the class number, and thus is a parallel library by itself. An initial is better in such cases than a \* or similar mark, since the initial helps the memory and is just as brief. The same plan applies of course if the library has an "inferno" for books not used without permits, or more distant rooms where books worth keeping but seldom called for can be arranged in a parallel storage library.

Still another provision is made in 080, 8 being the regular number for general collections (as in 508, 520.8, etc.), for these special libraries which cannot be separated because of binding or conditions of gift. But instead of the three figures in 080, a single letter, as described above, indicates the special collection, and it is easy to learn the location of the few special collections of any one library. Omission of initial 0 in the class "General works" was formerly recommended; e. g. 51 instead of 051 for an American periodical. But this usage is no longer advised, for the eye gets so in the habit of reading as *Science* any number beginning with 5, that there is a little mental hitch if, e. g., general periodicals are written 51, etc., instead of 051, etc.

Another reason is that the one and two figure numbers 1-99 are thus left available, and can be assigned to special use without confusion with tables or Index, for initial 0 is there printed for all numbers before 100. Yet in classification it sometimes happens that the first two figures are obvious at a glance, but time must be taken to determine the third. It is convenient to write these first figures, but if a mathematical book receives its first two figures (51), this unfinished number is liable to be confused with the two-figure number 51. This danger may be largely avoided by writing the decimal point after a blank; e. g. 51 ., to show that a figure is omitted.

2. **Contractions for specialists.**—The system is often used by specialists for very minute work when the decimals are run out to six or eight places. While the theory is better to write all these figures, thus showing the relation to the universe of knowledge, there is no

practical gain to justify the labor if a great quantity of slips must be numbered. A specialist working on "Swedish poetry of the age of Gustavus" can use a single letter instead of the full 839.715 and save five characters in numbering each note; or a dash may be written for all but the last figure, thus "—5". A body of such notes can be inserted together in their place in an index at 839.715, with a colored card to mark the special groups, with little danger of confusion. Still many prefer the theoretical completeness of writing a full index number for every separate slip.

3. **Use of alphabet or chronology for final subdivisions.**—While our plan is decimal as distinguished from the "dictionary system," we never hesitate to use the alphabet wherever that is more useful. Indeed, the main feature of our plan is its alphabetical index. Frequently in minute divisions it is economy to arrange alphabetically or by dates without using a translation system. This is specially true in index rerums and notes of specialists. After numbers have been used as far as that is the most useful form, then either the name chosen for the head or the year can be inserted at the end; e. g. towns in a given state, individual birds or insects coming under one number, names of men written about in biography, etc. Some may prefer to adopt this plan in places where we have chosen a grouping; e. g. in chemistry, to put all the metals in one alphabet under 546.3, instead of using the numbers 546.3-99. If this change is wished, a more complete one will probably be better; viz. to put all the elements, non-metallic and metallic, in one alphabet under 546. Such use of the alphabet causes no confusion with the index, as it is simply subdividing more closely, unless, as in the last case (546.3), the alphabet replaces heads already printed. In this case, cancel all subsections in the tables by drawing a line obliquely thru the heads discarded, and mark in the margin "arranged alphabetically by elements," e. g. :—

546.3

**Metals.**

Arrange metals alphabetically.

<del>.31</del>	Alkali group.
<del>.32</del>	Potassium.
<del>.33</del>	Sodium.
<del>.33</del>	Lithium.
<del>.34</del>	Rubidium.
<del>.35</del>	Caesium.

Then find each of these heads in the index and cancel all figures after 546.3, e. g. :—

Potassium, inorganic chemistry,	546.3 <del>2</del>
Rubidium, " "	546.3 <del>5</del>

This plan has special value in this place, as new elements are discovered from time to time, and can readily be inserted in alphabetic place. Still many chemists think it valuable to have similar metals grouped together for convenience of study, and to cover books written on the group as a whole, and also think it important to have a number



for rejected elements, because the literature and references about them remain, and must be provided for. The insertion of new elements is provided for, as explained on p. 14<sup>4</sup>.

4. **Broken order.**—Another common and often desirable variation for shelf arrangement is to break the sequence of the numbers, in order to get books most used nearest the delivery desk. The theory is to keep the whole 1000 numbers in strict sequence; but a higher rule to be obeyed everywhere is to sacrifice any theory for a substantial gain. Practically it will seldom happen that it is not best to break the order of the classes. Often divisions are best arranged out of numerical place; e. g. 520 Astronomy may be wanted in a room accessible at night; fiction, juvenils, and biography are always wanted near the delivery desk in a public library, and in strict order are as likely to come at the most distant point. Numberless local reasons may make a broken order desirable. There need be no hesitation in adopting it if enough is gained, but there should be charts clearly showing where each division starts; e. g. after 430 "Preceding 830;" after 520 "In observatory," it being necessary to specify room for books entirely removed from the general library arrangement. The page of 100 divisions is reprinted by the publishers, on cards with wide margins, for just this use. Opposit each division is marked its beginning on the shelves, and it is easy to vary the order as much as necessary, tho of course the nearer the divisions run in regular order 1 to 99, the easier it is for a stranger to find his way about. Variations in the order of the sections are less wise and seldom necessary. If made, a wood or card-board dummy in the regular place should have mark on its side the present location of the section removed.

This broken-order plan is best for bringing together the philology and literature of each language without altering numbers or prefixing any letter. Let 420 be shelved just ahead of 820, 430 ahead of 830, and so for all languages, making the general note that all 400's are shelved just ahead of the corresponding 800's, and remembering that after the main languages four or more figures are required to indicate language alone, so that Portuguese philology goes between 868 and 869, Russian between 891.69 and 891.7, and Welsh between 891.65 and 891.66.

5. **Pro and con division of topics.**—It is very useful in many cases to separate the books on a topic with strongly marked sides, so that either set of views and arguments may be seen by itself. This has been done by subdivision in some cases,—e. g. 337, Protection and Free trade. In others it is equally useful, and can be indicated by an added mark,—e. g. 324.3, Woman suffrage. The number may be used for general works, giving facts, etc., and advocates and opponents may be separated by + and — for positive and negative, or by p and c, the initials for pro and con, which tho short, are too long for a circulat-

ing library to charge. In reference libraries, on cards, etc., most will prefer to write out *pro* and *con*, to distinguish the two groups. The order on the shelves is, of course, alphabetical, viz. 324.3, 324.3c, 324.3p; or if + and — are used, the usual order is followed: +, —.

These five notes suggest the range of variations that may be made in the Decimal Classification and illustrate its adaptability to widely different conditions. For book numbers which decide the order of material after it is grouped into its final classes, see page 30.

### OTHER USES

Tho the system was devised for library catalog and shelf arrangement, 17 years have developed many new applications. Nearly every administrative department feels directly the great economy, and in every field of literary activity this classification has been found a labor-saving tool, whose practical usefulness has exceeded the most sanguine hopes of its early friends.

**Bookstores.**—The plan is a great convenience to both dealers and customers, when applied to the miscellaneous stock of a bookstore. Very often a much wanted book, specially if not recently published, is reported "not in stock," when such an arrangement by subjects would have revealed its place at once. Specialists often find on the shelves books that they would never have ordered, but are glad to buy after examination. Experience proves it a profitable thing for a dealer to arrange his books so that each person may find those in which he is interested without examining the entire stock.

**Scrap-books.**—The plan has proved of great service in preserving newspaper clippings. Scrap-sheets of uniform size are used, with the class number of the subject written in the upper corner of the front edge of the page, and clippings are mounted on the sheet as in a common scrap-book. When one sheet is full, another is inserted at the exact place. Thus perfect classification is kept up without blank sheets, and at the smallest outlay of money and trouble. This "L. B. Scrap Book" is for most persons the best form. These sheets are then arranged numerically like the subject card catalog, the sheets of each class being farther arranged, when desirable, under alphabetic subheads. Scraps thus mounted are shelved either in manila pamphlet cases or in patent binders.

**Index rerums.**—These are best made on the standard P size (7.5 x 12.5 cm.), card or slip. Long study and experience prove that the stock "L200" is best for private indexes, etc. It costs only half as much as the "Br. 400," which is largely used for public library catalogs, takes only half the room, and gives great satisfaction. The class number is written in the upper left-hand corner, any alphabetic subject head follows at the right, and notes fill the card below. The cards are then filed in order of class numbers like the subject card catalog,

the cards of each class being further arranged, as in case of the scrap sheets, according to any alphabetical subheads. Scores of devices for convenient handling and storage of these slips and of scrap sheets and pamphlets are already manufactured. Details cannot be given here, but may be found in the full descriptive and illustrated catalog of the Library Bureau, 43 Federal street, Boston.

Another admirable form is similar to the L. B. Scrap Book or shelf list; in fact, is simply a shelf list without the printed headings and down lines. The subject number goes in the upper corner, and all notes on that subject are written on the sheet below. This book fits an ordinary shelf, has the advantage of a full letter page in sight at once, and holds over five times as much as the P card. Of course the system can be applied to slips or sheets of any size, but there are literally hundreds of accessories and conveniences exactly adapted to these two sizes, which are used tenfold more than all others combined; so it is folly for one to begin on another size, and lose the advantages of this uniformity. If intermediate sizes must be had, the ones most used and least objectionable are Billet 10x15 cm., Note 12½ x 20 cm., and Ms. 15 x 25 cm. There are repeated cases where users of some other size have finally found it profitable to change to either the P, 7½ x 12½, or to the L, 20 x 25 cm., even at the cost of re-writing many notes.

Note books are best in this last described form. The much poorer method is to take a bound blank book, and assign the class numbers in order, giving about the space it is thought each will require, and, when the pages so assigned are full, note at the bottom where the rest of the material may be found.

This has all the objections of the old fixed location as compared to the relative, and will hardly be adopted by any person who has ever seen the simplicity and economy of the shelf-list system.

**Topical indexes.**—The class numbers are used in indexing books read, usually by making the entries in the Index Rerum under proper numbers. The number takes the place of a series of words, and the results can be handled, arranged, and found much quicker because of the simple numerals.

The advantages that the system possesses for making topical indexes of collected works, periodicals, transactions, etc., will be evident to every librarian. These consolidated indexes may be arranged together with the card catalog of the books, or by themselves, as seems best in each case.

It would exceed the limits of this brief description to notice all the varied applications of the system. Enough have been mentioned to show its wide adaptability to the wants of the librarian and the student.

Though much elaborated and in some points altered, the essential character of the plan has remained unchanged from the first. Doubtless

other improvements are still possible, and users of the scheme are invited to suggest any needed new heads, and to note any omission to be supplied in the Subject Index.

In this brief account the author has probably failed to meet some objections which may be raised, and which he could easily answer. He therefore asks the privilege of replying personally to any such objections, where they arise, believing that it will be possible to answer, if not all, at least a very large proportion.

The labor involved in preparing the Classification and Index has been wholly beyond the appreciation of any who have never attempted a similar task. Much valuable aid has been rendered in many departments by specialists, over 100 of whom have assisted in developing the scheme. Among these are many well-known scholars, and to all a most cordial acknowledgment is made. Without such assistance, the present edition could not have been made, for many minds were necessary to supply the technical and special learning absolutely necessary in filling the minute heads. Indeed, in many subjects the author's share in the work has been limited to the modification necessary for technical adjustment to his scheme of the material prepared by specialists. To many prominent librarians the author is indebted for valuable suggestions and appreciative criticism. While these friends are in no way responsible for any remaining imperfections, they should have credit for many improvements in the scheme made in these 17 years of revision, during the first three of which it was kept in manuscript, in order that its many details might be subjected to actual trial, and modified where improvement was found possible.

In all the work from its first publication to the present, the most extended and valued assistance has come from my college classmate, associate, and friend, Walter Stanley Biscoe, my first assistant in Amherst College Library, in the charge of which he succeeded me, resigning to accept again in 1883 the place next me in the Columbia College Library, and again resigning in 1889 to become Librarian in charge of Classification and Catalogs in the New York State Library. Of the rare unselfishness with which he has given time taken from rest and recreation to advancing work in which he shared my interest, this book is the best witness.

In his varied reading, correspondence, and conversation on the subject, the author has doubtless received suggestions and gained ideas which it is now impossible for him specifically to acknowledge. The *Nuovo sistema di catalogo bibliografico generale* of Natale Battezzati, of Milan, adopted by the Italian publishers in 1871, though he has copied nothing from it, more than any other single system stimulated the author's study of the problem. The plan of the St Louis Public School Library and that of the Apprentices' Library of New York, which in some respects resemble his own, were not seen till all the essential

features were decided on, tho not given to the public. In filling the nine classes of the scheme, the inverted Baconian arrangement of the St Louis Library has been followd. The author has no desire to claim original invention for any part of his system where another has been before him, and would most gladly make specific acknowledgment of every aid and suggestion were it in his power to do so.

With these general explanations and acknowledgments he submits the scheme, which has cost so much time and strength, with the hope that it may prove as useful to others as it has to himself. It is a little book, but it came not forth except by grievous labor.

MELVIL DEWEY

NEW YORK STATE LIBRARY

Dec. 25, 1890

The previous editions have been dated Amherst College Library, June 10, 1876; Columbia College Library, Aug. 10, 1885; and Columbia College Library, Aug. 30, 1888.

#### EDITION 7

The complete revision in progress involvs many new interrelations. As extensiv advance testing of new schemes is impracticable, it is expected that practical application will develop unnotist faults. Classifiers are therefore requested to use the new tables critically and report defects of any kind, with proposed remedies and any additional needed subdivisions. All such criticisms are a decided help and regarded as a favor.

**Minuteness** Minute as are many subdivisions, there are none that some have not askt for and almost none that others have not declared needless. Since the degree to which any scheme shall be applied is optional with each classifier and close analysis is useful to everyone in defining content or in clarifying differences between related subjects, even the most elaborate schemes are printed in full if no essential objection has been brought against them by the best qualified critics. Note type is used for topics clearly useful only to specialists or as showing scope. Many others probably belonging in the same category are in the regular type of their grade, if doubtful.

**Basis of revision** After study of all other available systems the *Decimal classification* was adopted in 1895 by the newly organized Institut International de Bibliographie as best adapted to its projected universal subject bibliografy to cover ultimately all subjects in all languages thruout all periods of the world's history.

## DECIMAL CLASSIFICATION

Determining factors were:

- 1 The *Decimal classification* was a classification of topics independent of the language or exact synonym by which they were expressed.
- 2 Its notation was in itself the only international language, since it consisted solely of arabic numerals.
- 3 Its decimal principle allowed indefinite intercalation.

Overdetailed as the classification already seemed to many librarians, lack of subdivision was the Institute's first difficulty and its promoters urged the author at once to enlarge the tables. State library duties at that time made concentration on the classification impossible, but cooperation and criticism were promised if the Institute would draft the required extensions. When its remarkably rapid work precluded even adequate criticism, it was authorized to publish its tables and assured that the American revision would vary from them as little as practicable.

Obviously bibliographic and general library use are so different that in some cases what is clearly best for the real needs of the scholarly specialist, where any symbols can be used on index cards, would be quite impracticable for a public library, which must have symbols that can be gilded on the back of books, readily used by the unskilled public in writing call slips, and rapidly handled by low-priced runners and young clerks. Where differences occur between the Institute tables and the 7th edition of the *Decimal classification*, many have been agreed to by the Institute and will appear as here given in its future editions, others are the result of serious objections made to the Institute classification, but with the expectation that agreement will soon be reached, as it is the purpose of both Institute and author to harmonize the few divergencies as rapidly as possible.

**Changed numbers** Changes are fewer than anticipated and will be given in detail in the 'List of corrections, changes and minor additions' soon to be mailed to all recorded owners of earlier editions. In many cases the changes are only a broadening of terms to meet later developments. Numbers where any change thus far occurs are:

021.1	374.2-4	621.34 <i>vacant</i>
.6-7	.7-9	.62-63
339	375.01-04	.88
371.46 <i>vacant</i>	378.1	.91
.6-63	.99	.94
67-68	541.1 <i>vacant</i>	.99 <i>vacant</i>
.91-97	.3	642
372.1 <i>vacant</i>	543.8-9	643
.8	620.1	647

**Separates** There is growing use by specialists who wish very detailed tables of their subjects, but only so much else as will show the perspective of these subjects in the general scheme and provide for broad classification of other material on the same plan. As fast as demand will cover expenses, any subject that has been elaborated will be published separately with general explanation, directions for use, 3 figure tables for other subjects, and full index: e. g. normal school libraries specializing on education will want the elaborate new 370 scheme but may not need to carry classification of other subjects beyond 3 figures; electric engineers may have no use for 370, but will need all details of 621.3 with only 3 figures for other subjects.

**Bibliographic modifications** The Institut International de Bibliographie has devised and uses ingenious symbols, expressing almost any interrelations and greatly increasing numbering capacity. But unfortunately these new symbols are thought by many to be too complex for ordinary shelf or catalog use, though 10 years use by the Institute with unskilled clerks has proved that this objection is more a fear than the result of fair trial. They are given here broadly for personal notes of specialists and other close classifiers, to whom their vast practical advantages will strongly appeal, and as a key to the notation of the Institute's bibliographic cards. Elaborate details and explanations are in the *Classification décimale*, Brussels, 1905. Obviously these symbols allow subdivision of the same number in many different ways without confusion.

**1 Accretion sign +** This is the simplest of all the symbols and indicates exactly what it suggests, that the article so numbered treats of all the subject numbers connected by +; e. g. 637+614.32 a work concerning dairies and inspection of dairy products.

**2 Coupling sign -** This is used for coupling to a subject a series of subdivisions belonging to another number, but only where notes in the tables allow it, as confusion would otherwise result. As this is our sign for "to and including," use of it in the Institute sense requires substitution of "to" for it in our sense.

**3 Relation sign :** This is the most useful symbol of all, as it involves no change of number except omission of final 0 by those preferring the shortest form. It indicates merely that the subjects so connected are considered in relation to each other, thus affording means of expressing almost limitless interrelations: e. g. ethics in relation to fine arts is 17:7 (or in full 170:700). Vice versa, art in its ethical aspect is 7:17; the order of the numbers before and after the colon being dependent on emphasis or on subject with which they are to be arranged.

**4 Form sign (o)** Form or generalities are expressed by a parenthetic number beginning with o. This is farther subdivided as follows:

(o:) Form symbol: e. g. 335 (o:843) means Socialism treated in the form of a French novel.

(00) Subdivisions peculiar to a subject; e. g. for history it means sources. It is farther subdivided and in some cases modified by a hyphen figure; e. g. 9(44)(001-3) means *Catalog of official sources of French history*, (001) meaning official sources and -3 meaning catalogs, indexes, lists, etc. (01)-(09) are the same as our regular form numbers 01-09. Obviously we can not replace our long established simple form numbers by something so much more complex that it is impracticable for shelf use.

**5 Universality sign ∞** The mathematical sign of infinity is used with any combination of symbols to mean 'Without limitation as to the idea expressed by that symbol.' With place symbol (see 6 below) it means 'including all places': e. g. 9 (00) History of all countries; 9(∞) "∞" Universal history covering all periods (see 8 below).

**6 Place sign (3)-(9)** These replace our regular country subdivisions found in 930-999, but do not conflict, as the Institute merely leaves D C 930-999 vacant, and writes History of France 9 (44) instead of 944. Other auxiliary place numbers indicating general region, direction, geologic place, time, etc. are also provided in place curves.

**7 Language sign ≡** This sign preceding language numbers as found in 400 Philology, indicates subdivision by language; e. g. 398.4≡9162 means Fairy tales in Irish, 91.62 being the philology number for Irish language in 400.

**8 Time sign " "** Numbers denoting time subdivision are written in quotation marks. The Institute scheme gives an elaborate system of time subdivisions.

**9 General points of view sign 00** Each of the following numbers for point of view has also a series of subdivisions:

- 001 Speculativ: idea, purpose, plan, etc.
- 002 Realization: execution, construction, etc.
- 003 Economic: industrial production, cost and sale prices, etc.
- 004 Service and use: workings, administration
- 005 Equipment and apparatus
- 006 Buildings and establishments: details of organization and service
- 007 Special personnel

**10 A to Z** alphabetic arrangement by name of person, place or thing is indicated according to circumstances by initial or whole name.

**Sequence** of these symbols in the class number may be varied by users to produce any special arrangement desired, but unless distinct notice of this is given, the sequence is arbitrary in the following order

(0) " " = : - A-Z

e. g. 91(44)(03)≡2 Dictionary of French geography in English.



**Index** The relativ index is greatly enlarged both by heds from new tables and by many new references to tables not yet revized, and is consolidated into a single alfabet. It aims as heretofore to include every synonym likely to be sought of subjects exprest or implied in the tables. Insted however of repeating all entries under each synonym as before, it repeats only when there are less than 3 entries; but to save space when more than 3, it gives them as a rule only once and refers from other spellings or synonyms to the one chosen; e. g. Scepticism *see* Skepticism, Refuse *see* Wastes.

**Acknowledgments** Our greatest indettedness is to the Institut International de Bibliographie for its great volume of valuable work, covering almost the whole range of subjects, which forms the basis of our revision, and also for its advice and criticism during the progress of our work. Among the many friends to whose critical examination and suggestions the makers and users of the *Decimal classification* owe many improvements, preeminent are: R P Bigelow, librarian of Massachusetts Institute of Technology; Dr C V R Bumstead of Newark; Prof. E P Cubberly (Stanford); Prof. Charles DeGarmo (Cornell); Dr John B Roxby of Philadelphia; Prof. E L Thorndike (Columbia); the West Point military academy librarian, Dr Edward S Holden, and faculty; Prof. A E Kennelly of Harvard; and Captain John Clark Wilson, U S navy.

We are indetted for much valuable constructiv work as well as criticism to C W Andrews of the Crerar library and his staff; Dr Herbert Haviland Field of the Concilium Bibliographicum; Sidney L Wood and Godfrey Dewey in engineering; New York State library, specially to Walter S Biscoe, whose criticism is most valued of all; Professors L P Breckenridge (Sheffield scientific school) and G A Goodenough (University of Illinois); and to A L Vöge now of Mechanics Mercantile library, San Francisco, for his untiring and resourceful aid on the technical subjects in this edition and on others not yet completed. The Library of Congress classifications and subject hedings freely placed at our disposal by Dr Herbert Putnam have been most useful in suggesting many additions to the index.

Except a year in charge of classification in the Osterhout library, Miss May Seymour has been with me for 24 years, since she entered the first Library school class in 1887. At the New York state library, classification was her department till she was promoted to director's assistant. For the past 22 years every item of work on the new editions has past thru her hands. Her responsibilities as managing editor of the *A L A catalog* of necessity precluded work on the Classification for several years. For this edition she has done all the editorial and much constructiv work, has secured expert cooperation, cald attention to faults or omissions and sought the best available compromizes where doctors disagreed. This supervision will continue, so that future editions will

benefit by the cumulative experience of the same editor. To this vast labor she devotes rare scholarly industry and a loyalty for which no words of thanks can be adequate. She shares my faith in the immense usefulness of the completed work, is doing nearly all the hardest work and deserves the gratitude of all who profit by this invaluable laborsaver.

MELVIL DEWEY

Lake Placid Club N Y

10 April 1911

### EDITION 8

Edition 7 was exhausted a year and a half sooner than expected, thus forcing an unexpectedly early issue of edition 8. This contains expansions of 320, 331, 369, 623.8, 624, 625, 629, 630, 971, 979.4, many new notes and index entries.

Many other additions already well advanced will be included in edition 9, on which active work will be steadily continued.

MELVIL DEWEY

Lake Placid Club

10 April 1913

### EDITION 9

Like edition 7, edition 8 was exhausted so much earlier than expected that edition 9 has become necessary too soon to complete the tables planned for it. It differs from the last chiefly in many new notes, index entries and correction of errors.

MELVIL DEWEY

1 October 1915

## INDEX TO INTRODUCTION

Superior figures indicate the part of the page in ninths; 1, 5 and 9 indicating top, middle and foot: 27<sup>3</sup> means half way between top and middle of p. 27.

D C means *Decimal classification*.

C D means *Classification décimale*, the enlarged French translation of D C.

I I B means Institut International de Bibliographie.

- Accession book**, advantages of D C for 22<sup>2</sup>
- Accession order, for book numbers 31<sup>1</sup>
- Accretion sign 43<sup>6</sup>
- Acknowledgments 40<sup>3</sup>-41<sup>2</sup>, 45<sup>3</sup>-46<sup>2</sup>
- Adaptability of D C 23<sup>7</sup>
- Adoption of D C by I I B 41<sup>9</sup>
- Advantages of D C 21<sup>8</sup>-24<sup>9</sup>
- Alfabet, use of for final subdivisions 36<sup>3</sup>-37<sup>1</sup>
- Alfabetic arrangement, method in C D 45<sup>8</sup>
- Allied subjects, sequence 13<sup>4</sup>
- Amherst college, library recatalogd 23<sup>5</sup>
- Analytic references 27<sup>9</sup>
- Arabic numerals, advantage of using 23<sup>9</sup>-24<sup>1</sup>
- Arrangement of D C 25<sup>2</sup>
- Assigning numbers, directions 10<sup>3</sup>
- Author numbers 30<sup>4</sup>
- Basis of revision** 41<sup>9</sup>
- Bibliografic modifications 43<sup>3</sup>-44<sup>9</sup>
- Bilding numbers 20<sup>6</sup>-30<sup>4</sup>
- Biography, treatment of 34<sup>3</sup>
- Biscoe, W S, time number system 30<sup>9</sup>; valuable assistance 40<sup>6</sup>, 45<sup>6</sup>
- Book numbers 30<sup>4</sup>-31<sup>5</sup>
- Books, arrangement 6<sup>3</sup>; how to find subject of 26<sup>2</sup>
- Bookstores, use of D C in 38<sup>4</sup>
- Broken order, advantage of 37<sup>2</sup>
- Cards arrangement** 6<sup>3</sup>
- Catalogs 20<sup>5</sup>-21<sup>8</sup>
- Catch-titles, use of 14<sup>5</sup>
- Cautions, in making variations 31<sup>8</sup>-32<sup>9</sup>
- Changes, unauthorized, effect of 31<sup>8</sup>; in 7th edition 42<sup>7</sup>
- Charging system, advantages of D C for 22<sup>8</sup>-23<sup>3</sup>
- Chronology, use of for final subdivisions 36<sup>2</sup>-37<sup>1</sup>
- Class numbers, definition 12<sup>9</sup>; how to assign 10<sup>3</sup>, 26<sup>9</sup>-28<sup>8</sup>; how to bild 29<sup>6</sup>-30<sup>4</sup>; how to read 25<sup>7</sup>; in name catalog 20<sup>6</sup>; in shelf list 20<sup>7</sup>; number of figures used 28<sup>3</sup>-29<sup>5</sup>
- Classes: divisions and sections 6<sup>1</sup>; broken order 37<sup>2</sup>
- Classification, labor of constructing system 9<sup>7</sup>; lack of uniformity 11<sup>5</sup>; requirements of system 7<sup>6</sup>; test of scheme 11<sup>8</sup>
- Clast catalog, objection obviated 11<sup>4</sup>
- Close classification 13<sup>6</sup>, 27<sup>4</sup>; illustrated by history divisions 13<sup>8</sup>; in 7th edition 41<sup>7</sup>; objection and compromise 29<sup>4</sup>; requisit for bibliographers and specialists 42<sup>4</sup>; value of 15<sup>5</sup>-16<sup>3</sup>
- Colon, meaning 43<sup>7</sup>
- Contractions for specialists 35<sup>9</sup>-36<sup>2</sup>
- Coordination, preserved in D C 13<sup>6</sup>
- Copyright restrictions 33<sup>1</sup>
- Coupling sign 43<sup>6</sup>
- Cutter numbers, advantages 30<sup>7</sup>
- Dash**, meaning in C D 43<sup>6</sup>
- Decimal classification, essential feature 8<sup>7</sup>; explanation of meaning 9<sup>5</sup>; extent of use 8<sup>4</sup>; labor of constructing 40<sup>3</sup>; origin and growth 7<sup>3</sup>; practical test 7<sup>1</sup>; priority of its invention 8<sup>8</sup>; product of experts 12<sup>1</sup>; simplicity 9<sup>3</sup>; variations 31<sup>5</sup>-38<sup>2</sup>
- Decimal form of the system 9<sup>2</sup>
- Decimalism, use of 17<sup>9</sup>-19<sup>2</sup>
- Dictionary catalog, inferiority 21<sup>2</sup>
- Differences between D C and C D 42<sup>5</sup>
- Divisions 6<sup>2</sup>
- Duplicates, *see* Sale duplicates
- Editions** 8<sup>5</sup>
- Editorship of revized D C 45<sup>7</sup>-46<sup>3</sup>
- Endowment of special departments 24<sup>2</sup>
- Equality sign, meaning 44<sup>4</sup>
- Fiction**, treatment of 33<sup>9</sup>
- Form distinctions, position 14<sup>9</sup>; use of 14<sup>8</sup>, 14<sup>9</sup>-15<sup>3</sup>
- Form divisions, uniform numbers 15<sup>3</sup>
- Form sign 43<sup>9</sup>

- Heds** 9<sup>7</sup>; choice and arrangement 13<sup>2</sup>  
 Hyfen, meaning in C D 43<sup>6</sup>  
**Improvements**, so-called 31<sup>9</sup>  
 Index 6<sup>7</sup>, 8<sup>3</sup>, 9<sup>4</sup>, 10<sup>1-12</sup>; a dictionary catalog 21<sup>5</sup>; consolidated and enlarged 45<sup>1</sup>; effect of changes in tables 32<sup>1</sup>; essential feature of D C 8<sup>7</sup>; fulness 10<sup>2</sup>; illustration of use 10<sup>4</sup>; labor of constructing 40<sup>3</sup>; plan of 25<sup>5</sup>; scope 12<sup>4</sup>; suggestions for using 25<sup>4-29</sup>; use of blackface type 11<sup>2</sup>  
 Index reruns, use of Decimal classification for 38<sup>8-39</sup>  
 Index tables, appended 17<sup>2</sup>  
 Infinity symbol, meaning 44<sup>3</sup>  
 Institute internationale de bibliographie, adoption of *Decimal classification* 41<sup>9</sup>; extension of D C by 42<sup>3</sup>  
**Juvenil** literature, treatment 33<sup>8-34</sup><sup>2</sup>  
**L B** scrapbook 38<sup>7</sup>  
 Language and literature, combining 34<sup>3-35</sup><sup>2</sup>  
 Language collections 34<sup>6</sup>  
 Language sign 44<sup>4</sup>  
 Letter notations for changes 33<sup>1</sup>  
 Libraries using D C 8<sup>4</sup>  
**Minor** subjects, disposition of 14<sup>2</sup>  
 Minute classification, *see* Close classification.  
 Mnemonics, use of 16<sup>2-17</sup><sup>9</sup>  
**Name** catalog 20<sup>6</sup>  
 Naught, double, meaning 44<sup>6</sup>  
 New subjects, disposition of 14<sup>3</sup>  
 Notation, simplicity 8<sup>1</sup>  
 Note books, use of D C for 39<sup>5</sup>  
 Note type 41<sup>8</sup>  
 Numbers, changed 42<sup>7</sup>  
 Numeration, method of 25<sup>7</sup>  
**Order**, of bibliographic symbols 44<sup>8</sup>; of classes, broken 37<sup>2</sup>  
**Pamflets**, advantages of D C for 22<sup>3</sup>  
 Parallel libraries, treatment of 34<sup>6</sup>  
 Parenthetic numbers, form 43<sup>9</sup>; place 44<sup>4</sup>  
 Place sign 44<sup>4</sup>  
 Plus sign, meaning 43<sup>8</sup>  
 Points of view, general, sign for 44<sup>5</sup>  
 Pro and con division of topics 37<sup>8-38</sup><sup>2</sup>  
**Quotation** marks, meaning 44<sup>5</sup>  
**Recataloging**, advantages of D C in 23<sup>5</sup>  
 Reference library, treatment of 35<sup>3</sup>  
 Relation sign 43<sup>7</sup>  
 Relativ index, *see* Index  
 Relativ location 21<sup>8</sup>; advantage of 19<sup>3-20</sup>; need of 19<sup>2</sup>  
 Revision of D C, basis of 41<sup>9</sup>  
**Sale** duplicates, advantages of D C for 22<sup>5</sup>  
 Scrapbooks, use of D C for 38<sup>6</sup>  
 Sections 6<sup>3</sup>, 23<sup>3</sup>; sub-sections 6<sup>6</sup>  
 Separates, proposed, 43<sup>5</sup>  
 Sequence of bibliographic signs 44<sup>8</sup>  
 Sets of books 28<sup>7</sup>  
 Seventh edition, preface 41-46; editorship 45<sup>7-46</sup><sup>2</sup>  
 Shelf list 20<sup>7</sup>; advantages of D C for 21<sup>9-22</sup><sup>2</sup>  
 Shelves, advantages of D C for 21<sup>8</sup>  
 Signs, I I B scheme 43<sup>3-44</sup><sup>9</sup>  
 Size, distinction by 20<sup>2</sup>  
 Small libraries, adaptability to 28<sup>8-29</sup><sup>6</sup>  
 Special collections, treatment 34<sup>6</sup>; 35<sup>2</sup>  
 Specialists, use of D C by 35<sup>9</sup>  
 Specialties, influence on assigning class numbers 28<sup>1</sup>  
 Subject catalog, arrangement 20<sup>8</sup>; printed 20<sup>9-21</sup><sup>1</sup>  
 Subject index, *see* Index  
 Subject references 27<sup>6</sup>; advantages of D C for 23<sup>3</sup>; value of 27<sup>8</sup>  
 Subjects, sequence of 13<sup>4</sup>  
 Suggestions to users of D C 25<sup>1-31</sup><sup>5</sup>  
 Summaries 6<sup>4</sup>  
 System, decimal form 9<sup>2</sup>  
**Tables**, index, appended 17<sup>2</sup>; of classification, plan of 12<sup>5-13</sup><sup>2</sup>, 25<sup>2</sup>; suggestions for using 25<sup>1</sup>, 25<sup>8-29</sup><sup>6</sup>  
 Time numbers 30<sup>7</sup>  
 Time sign 44<sup>5</sup>  
 Topical indexes, use of D C for 39<sup>7</sup>  
 Travel, treatment of 34<sup>8</sup>  
 Type, significance of small 41<sup>8</sup>  
**Uniformity** in classification, how to gain 28<sup>5</sup>  
 Universality sign 44<sup>3</sup>  
 Uses of D C 8<sup>2</sup>  
**Variations** practicable in D C classification 31<sup>8-38</sup><sup>2</sup>  
 View, general points of, sign for 44<sup>6</sup>  
**Zero**, *see* Naught

FIRST SUMMARY

**CLASSES**

- 0 General works
- 1 Philosophy
- 2 Religion
- 3 Sociology
- 4 Philology
- 5 Natural science
- 6 Useful arts
- 7 Fine arts
- 8 Literature
- 9 History

## DIVISIONS

000	General works	500	Natural science
010	Bibliography	510	Mathematics
020	Library economy	520	Astronomy
030	General cyclopedias	530	Physics
040	General collections	540	Chemistry
050	General periodicals	550	Geology
060	General societies Museums	560	Paleontology
070	Journalism Newspapers	570	Biology
080	Special libraries Polygraphy	580	Botany
090	Book rarities	590	Zoology
100	Philosophy	600	Useful arts
110	Metaphysics	610	Medicine
120	Special metaphysical topics	620	Engineering
130	Mind and body	630	Agriculture
140	Philosophic systems	640	Domestic economy
150	Mental faculties Psychology	650	Communication Commerce
160	Logic Dialectics	660	Chemical technology
170	Ethics	670	Manufactures
180	Ancient philosophers	680	Mechanic trades
190	Modern philosophers	690	Bilding
200	Religion	700	Fine arts
210	Natural theology	710	Landscape gardening
220	Bible	720	Architecture
230	Doctrinal Dogmatics Theology	730	Sculpture
240	Devotional Practical	740	Drawing Decoration Design
250	Homiletic Pastoral Parochial	750	Painting
260	Church Institutions Work	760	Engraving
270	Religious history	770	Photography
280	Christian churches and sects	780	Music
290	Ethnic Nonchristian	790	Amusements
300	Sociology	800	Literature
310	Statistics	810	American
320	Political science	820	English
330	Political economy	830	German
340	Law	840	French
350	Administration	850	Italian
360	Associations and institutions	860	Spanish
370	Education	870	Latin
380	Commerce Communication	880	Greek
390	Customs Costumes Folklore	890	Minor languages
400	Philology	900	History
410	Comparativ	910	Geography and travels
420	English	920	Biography
430	German	930	Ancient history
440	French	940	Europe
450	Italian	950	Asia
460	Spanish	960	Africa
470	Latin	970	North America
480	Greek	980	South America
490	Minor languages	990	Oceanica and polar regions

**General works**Limited to *none* of the 9 classes

- 000  
001  
002  
003  
004  
005  
006  
007  
008  
009
- Left blank for local history or biography, etc. where some special collection is making which is to be kept in a case by itself, out of its regular place in the classification. Individuals use these numbers for personal diaries, note books, memorabilia, etc.
- 010 Bibliography**
- 011 General bibliographies  
012 Of individuals  
013 " special classes of authors  
014 " " forms, pseudonyms, etc.  
015 " " countries  
016 " " subjects  
017 Clast catalogs  
018 Author "  
019 Dictionary catalogs
- 020 Library economy**
- 021 Scope, usefulness and founding  
022 Buildings  
023 Government and servis  
024 Regulations for readers  
025 Administration Departments  
026 Libraries on special subjects  
027 General libraries Reports, etc.
- 028 Reading and aids**
- 029 Literary methods Laborsavers
- 030 General cyclopedias**
- 031 American  
032 English  
033 German  
034 French  
035 Italian  
036 Spanish  
037 Slavic  
038 Scandinavian  
039 Minor languages
- 040 General collected essays**
- 041 American  
042 English  
043 German  
044 French  
045 Italian  
046 Spanish  
047 Slavic  
048 Scandinavian  
049 Minor languages
- 050 General periodicals**
- 051 American  
052 English  
053 German  
054 French  
055 Italian  
056 Spanish  
057 Slavic  
058 Scandinavian  
059 Minor languages
- 060 General societies**
- 061 American  
062 English  
063 German  
064 French  
065 Italian  
066 Spanish  
067 Slavic  
068 Scandinavian  
069 Minor languages
- 070 Newspapers Journalism**
- 071 American  
072 English  
073 German  
074 French  
075 Italian  
076 Spanish  
077 Slavic  
078 Scandinavian  
079 Minor languages
- 080 Special libraries Polygraphy**
- 081  
082  
083  
084  
085  
086  
087  
088  
089
- Left blank to be used (if prefered to prefixing an initial) for general collections of books which by terms of gift or for other cause must be kept together. This must be kept distinct from 040 where the individual books are polygraphic, i. e. are bound pamphlets, essays, addresses, scrap or note books, etc. too general in scope to go under any single class. Juvenils could be put here, but are better kept in a separate class, markt J
- 090 Book rarities**
- 091 Manuscripts Autografs  
092 Block books  
093 Early printed Incunabula  
094 Rare printing Privately printed  
095 Rare binding  
096 Rare illustrations or materials  
097 Ownership Bookplates  
098 Prohibited Lost Imaginary  
099 Other rarities Curiosa

## Philosophy

<b>100</b>	<b>Philosophy</b>	<b>150</b>	<b>Mental faculties</b>
101	Utility	151	Intellect
102	Compend	152	Sense perceptions
103	Dictionaries	153	Understanding
104	Essays	154	Memory
105	Periodicals	155	Imagination
106	Societies	156	Reason Intuitiv faculty
107	Study and teaching	157	Sensibility Emotions
108	Polygrafy Maxims	158	Instincts Appetites
109	History	159	Will
<b>110</b>	<b>Metaphysics</b>	<b>160</b>	<b>Logic Dialectics</b>
111	Ontology	161	Inductiv
112	Methodology	162	Deductiv
113	Cosmology	163	Assent
114	Space	164	Symbolic Algebraic
115	Time	165	Sources of error Fallacies
116	Motion	166	Syllogism Enthymeme
117	Matter	167	Hypotheses
118	Force	168	Argument and persuasion
119	Quantity Number	169	Analogy Correspondence
<b>120</b>	<b>Metaphysical topics</b>	<b>170</b>	<b>Ethics</b>
121	Knowledge: origin, limits	171	Theories of ethics
122	Causation Cause and effect	172	State ethics
123	Liberty and necessity	173	Family ethics
124	Teleology Final causes	174	Professional and business ethics
125	Infinet and finite	175	Ethics of amusements
126	Consciousness Personality	176	Sexual ethics
127	Unconsciousness Automata	177	Social ethics
128	The soul	178	Temperance
129	Origin of the individual soul	179	Other ethical topics
<b>130</b>	<b>Mind and body</b>	<b>180</b>	<b>Ancient philosophers</b>
131	Mental physiology and hygiene	181	Oriental
132	Mental derangements	182	Early Greek
133	Delusions Witchcraft Magic	183	Sophistic and Socratic
134	Mesmerism Clairvoyance	184	Platonic
135	Sleep Dreams Somnambulism	185	Aristotelian
136	Mental characteristics	186	Pyrrhonist New Platonist
137	Temperaments	187	Epicurean
138	Physiognomy	188	Stoic
139	Phrenology Mental photographs	189	Early Christian and medieval
<b>140</b>	<b>Philosophic systems</b>	<b>190</b>	<b>Modern philosophers</b>
141	Idealism Transcendentalism	191	American
142	Critical philosophy	192	British
143	Intuitionism	193	German
144	Empiricism	194	French
145	Sensationalism	195	Italian
146	Materialism Positivism	196	Spanish
147	Pantheism Monism	197	Slavic
148	Eclecticism	198	Scandinavian
149	Other philosophic systems	199	Other modern



## Religion

- |     |                                 |     |                                     |
|-----|---------------------------------|-----|-------------------------------------|
| 200 | <b>Religion</b>                 | 250 | <b>Homiletic Pastoral Parochial</b> |
| 201 | Philosophy Theories             | 251 | Homiletics Preaching                |
| 202 | Compendis                       | 252 | Sermons                             |
| 203 | Dictionaries                    | 253 | Pastoral visitations Evangelistic   |
| 204 | Essays                          | 254 | Cleric support Celibacy             |
| 205 | Periodicals                     | 255 | Brotherhoods Sisterhoods            |
| 206 | Societies                       | 256 | Societies for parish work Gilds     |
| 207 | Education Theologic schools     | 257 | Parochial schools, libraries, etc.  |
| 208 | Polygraphy                      | 258 | Parish care of sick, fallen, etc.   |
| 209 | History of theology             | 259 | Other ministrations and work        |
| 210 | <b>Natural theology</b>         | 260 | <b>Church Institutions Work</b>     |
| 211 | Deism and atheism               | 261 | Church                              |
| 212 | Pantheism Theosophy             | 262 | Ecclesiastic polity                 |
| 213 | Creation Evolution              | 263 | Sabbath Lord's day Sunday           |
| 214 | Providence Theodicy Fatalism    | 264 | Public worship Ritual               |
| 215 | Religion and science            | 265 | Sacraments Ordinances               |
| 216 | Evil Depravity                  | 266 | Missions Home and foren             |
| 217 | Prayer                          | 267 | Associations Y M C A, etc.          |
| 218 | Future life Immortality         | 268 | Sunday schools                      |
| 219 | Analogies Correspondences       | 269 | Revivals Retreats                   |
| 220 | <b>Bible</b>                    | 270 | <b>Religious history</b>            |
| 221 | Old Testament                   | 271 | Monastic orders Monasteries         |
| 222 | Historic books                  | 272 | Persecutions                        |
| 223 | Poetic "                        | 273 | Heresies                            |
| 224 | Prophetic "                     | 274 | Europe                              |
| 225 | New Testament                   | 275 | Asia                                |
| 226 | Gospels and Acts                | 276 | Africa                              |
| 227 | Epistles                        | 277 | North America                       |
| 228 | Apocalypse                      | 278 | South America                       |
| 229 | Apocrypha                       | 279 | Oceanica                            |
| 230 | <b>Doctrinal Dogmatics</b>      | 280 | <b>Christian churches and sects</b> |
| 231 | God Unity Trinity               | 281 | Primitiv and oriental               |
| 232 | Christ Christology              | 282 | Roman catholic                      |
| 233 | Man The fall Sin                | 283 | Anglican and American P E           |
| 234 | Salvation Soteriology           | 284 | Continental protestant              |
| 235 | Angels Devils Satan             | 285 | Presbyterian Congregational         |
| 236 | Eschatology Deth Judgment       | 286 | Baptist                             |
| 237 | Future state                    | 287 | Methodist                           |
| 238 | CreeDs Catechisms               | 288 | Unitarian                           |
| 239 | Apologetics Evidences           | 289 | Minor Christian sects               |
| 240 | <b>Devotional Practical</b>     | 290 | <b>Ethnic and other religions</b>   |
| 241 | Didactic                        | 291 | Comparativ & general mythology      |
| 242 | Meditativ                       | 292 | Greek and Roman                     |
| 243 | Hortatory                       | 293 | Teutonic and Northern               |
| 244 | Miscellany Fiction              | 294 | Brahmanism Buddhism                 |
| 245 | Hymnology Religious poetry      | 295 | Parseeism                           |
| 246 | Eccelesiology Symbolism         | 296 | Judaism                             |
| 247 | Sacred furniture, vessels, etc. | 297 | Mohammedanism                       |
| 248 | Personal religion Asceticism    | 298 | Mormonism                           |
| 249 | Family devotions                | 299 | Minor nonchristian religions        |

## Sociology

- |            |                                 |            |                                  |
|------------|---------------------------------|------------|----------------------------------|
| <b>300</b> | <b>Sociology</b>                | <b>350</b> | <b>Administration Army</b>       |
| 301        | Philosophy Theories             | 351        | Administration of central gov't  |
| 302        | Compends                        | 352        | Local government: city, town     |
| 303        | Dictionaries                    | 353        | United States and state          |
| 304        | Essays                          | 354        | Foren states                     |
| 305        | Periodicals                     | 355        | Army Military science            |
| 306        | Societies                       | 356        | Infantry                         |
| 307        | Education                       | 357        | Cavalry                          |
| 308        | Polygraphy                      | 358        | Artillery                        |
| 309        | History of sociology            | 359        | Navy Naval science               |
| <b>310</b> | <b>Statistics</b>               | <b>360</b> | <b>Associations Institutions</b> |
| 311        | Theory Methods                  | 361        | Charitable                       |
| 312        | Population                      | 362        | Hospitals Asylums                |
| 313        | Special topics                  | 363        | Political                        |
| 314        | Europe                          | 364        | Reformatory                      |
| 315        | Asia                            | 365        | Prisons Disciplin                |
| 316        | Africa                          | 366        | Secret societies                 |
| 317        | North America                   | 367        | Social clubs                     |
| 318        | South America                   | 368        | Insurance                        |
| 319        | Oceanica                        | 369        | Other                            |
| <b>320</b> | <b>Political science</b>        | <b>370</b> | <b>Education</b>                 |
| 321        | Form of state                   | 371        | Teachers, methods, and disciplin |
| 322        | Church and state                | 372        | Elementary Kindergarten          |
| 323        | Internal or domestic relations  | 373        | Intermediate                     |
| 324        | Suffrage Citizenship            | 374        | Self education and culture       |
| 325        | Colonies and immigration        | 375        | Curriculum                       |
| 326        | Slavery                         | 376        | Education of women               |
| 327        | Foren relations                 | 377        | Religious, ethical and secular   |
| 328        | Legislativ bodies and annals    | 378        | Colleges and universities        |
| 329        | Political parties               | 379        | Public schools State education   |
| <b>330</b> | <b>Political economy</b>        | <b>380</b> | <b>Commerce Communication</b>    |
| 331        | Capital Labor Wages             | 381        | Domestic trade                   |
| 332        | Banks Money Credit Interest     | 382        | Foren trade Consular reports     |
| 333        | Land Ownership Rights & rent    | 383        | Postoffis                        |
| 334        | Cooperation                     | 384        | Telegraf Cable Telephone         |
| 335        | Socialism and communism         | 385        | Railroad and express             |
| 336        | Finance Public funds Taxation   | 386        | Canal & highway transportation   |
| 337        | Protection and free trade       | 387        | River and ocean transportation   |
| 338        | Production Manufacture Prices   | 388        | City transit                     |
| 339        | Consumption Pauperism           | 389        | Weights and mesures Metrology    |
| <b>340</b> | <b>Law</b>                      | <b>390</b> | <b>Customs Popular life</b>      |
| 341        | International law               | 391        | Costume and care of person       |
| 342        | Constitutional law and history  | 392        | Birth, home and sex customs      |
| 343        | Criminal law                    | 393        | Treatment of ded                 |
| 344        | Martial law                     | 394        | Public and social customs        |
| 345        | U. S. statutes and cases        | 395        | Etiquet                          |
| 346        | British statutes and cases      | 396        | Woman's position and treatment   |
| 347        | Treatises: American and British | 397        | Gipsies Nomads Outcast races     |
| 348        | Canon law                       | 398        | Folklore Proverbs, etc.          |
| 349        | Foren law Roman                 | 399        | Customs of war                   |

## Philology

400	<b>Philology</b>	450	<b>Italian</b>
401	Philosophy	451	Orthography
402	Compendis	452	Etymology
403	Dictionaries	453	Dictionaries
404	Essays	454	Synonyms
405	Periodicals	455	Grammar
406	Societies	456	Prosody
407	Study and teaching	457	Dialects
408	Polygraphy	458	School texts
409	History of language	459	<b>Rumansh and Wallachian</b>
410	<b>Comparativ</b>	460	<b>Spanish</b>
411	Orthografy      Alfabets	461	Orthografy
412	Etymology	462	Etymology
413	Dictionaries	463	Dictionaries
414	Phonology	464	Synonyms
415	Grammar	465	Grammar
416	Prosody	466	Prosody
417	Inscriptions	467	Dialects
418	Texts	468	School texts
419	<b>Hieroglyphics</b>	469	<b>Portuguese</b>
420	<b>English</b>	470	<b>Latin</b>
421	Orthografy	471	Orthografy
422	Etymology	472	Etymology
423	Dictionaries	473	Dictionaries
424	Synonyms	474	Synonyms
425	Grammar	475	Grammar
426	Prosody	476	Prosody
427	Dialects	477	Dialects
428	School texts	478	School texts
429	<b>Anglo-Saxon</b>	479	<b>Minor Italic</b>
430	<b>German</b>	480	<b>Greek</b>
431	Orthografy	481	Orthografy
432	Etymology	482	Etymology
433	Dictionaries	483	Dictionaries
434	Synonyms	484	Synonyms
435	Grammar	485	Grammar
436	Prosody	486	Prosody
437	Dialects	487	Dialects
438	School texts	488	School texts
439	<b>Minor Teutonic</b>	489	<b>Minor Hellenic</b>
440	<b>French</b>	490	<b>Minor languages</b>
441	Orthografy	491	Minor Indo-European
442	Etymology	492	Semitic
443	Dictionaries	493	Hamitic
444	Synonyms	494	Scythian      Turanian
445	Grammar	495	Eastern Asiatic
446	Prosody	496	African
447	Dialects	497	North American
448	School texts	498	South American
449	<b>Provençal</b>	499	Malay-Polynesian and other

## Natural science

- |            |                               |            |                               |
|------------|-------------------------------|------------|-------------------------------|
| <b>500</b> | <b>Natural science</b>        | <b>550</b> | <b>Geology</b>                |
| 501        | Philosophy                    | 551        | Physical and dynamic geology  |
| 502        | Compendis                     | 552        | Lithology Petrography         |
| 503        | Dictionaries                  | 553        | Economic geology              |
| 504        | Essays                        | 554        | Europe                        |
| 505        | Periodicals                   | 555        | Asia                          |
| 506        | Societies                     | 556        | Africa                        |
| 507        | Education Museums             | 557        | North America                 |
| 508        | Polygraphy                    | 558        | South America                 |
| 509        | History                       | 559        | Oceania Polar regions         |
| <b>510</b> | <b>Mathematics</b>            | <b>560</b> | <b>Paleontology</b>           |
| 511        | Arithmetic                    | 561        | Plants                        |
| 512        | Algebra                       | 562        | Invertebrates                 |
| 513        | Geometry Conic sections       | 563        | Protozoa Radiates             |
| 514        | Trigonometry                  | 564        | Mollusks                      |
| 515        | Descriptiv geometry           | 565        | Articulates                   |
| 516        | Analytic geometry Quaternions | 566        | Vertebrates                   |
| 517        | Calculus                      | 567        | Fishes Batrachia              |
| 518        |                               | 568        | Reptils Birds                 |
| 519        | Probabilities                 | 569        | Mammals                       |
| <b>520</b> | <b>Astronomy</b>              | <b>570</b> | <b>Biology Ethnology</b>      |
| 521        | Theoretic                     | 571        | Prehistoric archeology        |
| 522        | Practical and spheric         | 572        | Ethnology Anthropology        |
| 523        | Descriptiv                    | 573        | Natural history of man        |
| 524        | Maps and observations         | 574        | Homologies                    |
| 525        | Earth                         | 575        | Evolution Species             |
| 526        | Geodesy                       | 576        | Origin and beginnings of life |
| 527        | Navigation                    | 577        | Properties of living matter   |
| 528        | Ephemerides                   | 578        | Microscopy                    |
| 529        | Chronology                    | 579        | Collectors manuals            |
| <b>530</b> | <b>Physics</b>                | <b>580</b> | <b>Botany</b>                 |
| 531        | Mechanics                     | 581        | Physiologic and structural    |
| 532        | Liquids Hydraulics            | 582        | Phanerogamia                  |
| 533        | Gases Pneumatics              | 583        | Dicotyledonae                 |
| 534        | Sound Acoustics               | 584        | Monocotyledonae               |
| 535        | Light Optics                  | 585        | Gymnospermae                  |
| 536        | Heat                          | 586        | Cryptogamia                   |
| 537        | Electricity                   | 587        | Pteridophyta                  |
| 538        | Magnetism                     | 588        | Bryophyta                     |
| 539        | Molecular physics             | 589        | Thallophyta                   |
| <b>540</b> | <b>Chemistry</b>              | <b>590</b> | <b>Zoology</b>                |
| 541        | Theoretic                     | 591        | Physiologic zoology           |
| 542        | Practical and experimental    | 592        | Invertebrates                 |
| 543        | Analysis                      | 593        | Protozoa Radiates             |
| 544        | Qualitativ                    | 594        | Mollusks                      |
| 545        | Quantitativ                   | 595        | Articulates                   |
| 546        | Inorganic                     | 596        | Vertebrates                   |
| 547        | Organic                       | 597        | Fishes Batrachia              |
| 548        | Crystallografy                | 598        | Reptils Birds                 |
| 549        | Mineralogy                    | 599        | Mammals                       |

## Useful arts

- 600 **Useful arts**  
 601 Philosophy  
 602 Compendis  
 603 Dictionaries  
 604 Essays  
 605 Periodicals  
 606 Societies Fairs Exhibitions  
 607 Education, schools of technology  
 608 Patents Inventions  
 609 History of useful arts
- 610 **Medicin**  
 611 Anatomy  
 612 Physiology  
 613 Hygiene Gymnastics Training  
 614 Public helth  
 615 Materia medica Therapeutics  
 616 Pathology Diseases Treatment  
 617 Surgery Dentistry  
 618 Diseases of women and children  
 619 Comparativ medicin Veterinary
- 620 **Engineering**  
 621 Mechanical  
 622 Mining  
 623 Military Naval  
 624 Bridge and roof  
 625 Road and railroad  
 626 Canal  
 627 River and harbor  
 628 Sanitary Waterworks  
 629 Other branches
- 630 **Agriculture**  
 631 Soil Fertilizers Drainage  
 632 Pests Hindrances Blights Insects  
 633 Grains Grasses Fibers Tea, etc.  
 634 Fruits Orchards Vineyards  
 635 Kitchen garden  
 636 Domestic animals  
 637 Dairy: milk, butter, cheese  
 638 Bees Silkworms  
 639 Fishing Trapping
- 640 **Domestic economy**  
 641 Food Cookery  
 642 Serving Entertaining  
 643 Shelter; house, home  
 644 Heat, light, ventilation  
 645 Furnishing Decoration  
 646 Clothing Toilet  
 647 Household administration  
 648 Sanitary precautions  
 649 Nursery Sickroom
- 650 **Communication Commerce**  
 651 Offis equipment and methods  
 652 Writing: materials, typewriters  
 653 Abbreviations Shorthand  
 654 Telegraf Cables Signals  
 655 Printing Publishing Copyright  
 656 Transportation Railroadng, etc.  
 657 Bookkeeping Accounts  
 658 Businessmanuals Methods Tables  
 659 Advertising and other topics
- 660 **Chemic technology**  
 661 Chemicals  
 662 Pyrotechnics Explosivs  
 663 Beverages: wines, liquors, ales, etc.  
 664 Foods: sugar, starch, etc.  
 665 Lights: gas, oil, candles, etc.  
 666 Ceramics: glass, clay, cement, etc.  
 667 Bleaching Dyeing Inks Paints  
 668 Other organic chemic industries  
 669 Metallurgy Assaying
- 670 **Manufactures**  
 671 Articles made of metals  
 672 Of iron & steel; stoves, cutlery  
 673 Of brass and bronze; bells, etc.  
 674 Lumber & articles made of wood  
 675 Lether " " lether  
 676 Paper " " paper  
 677 Cotton, wool, silk, linen, etc.  
 678 Rubber & articles made of rubber  
 679 Celluloid and other
- 680 **Mechanic trades**  
 681 Watch and instrument making  
 682 Blacksmithing Horseshoeing  
 683 Lock and gun making  
 684 Carriage and cabinet making  
 685 Saddlery & shoemaking Trunks  
 686 Bookbinding  
 687 Clothesmaking Hats  
 688  
 689 Other trades
- 690 **Bilding**  
 691 Materials Processes Preservativs  
 692 Plans and specifications  
 693 Masonry Plastering, etc.  
 694 Carpentry Stairbilding  
 695 Roofing Slating and tiling  
 696 Plumbing Gas and steam fitting  
 697 Heating and ventilation  
 698 Painting Glazing Paperhanging  
 699 **Carbilding**

## Fine arts

- |            |                                      |            |                                   |
|------------|--------------------------------------|------------|-----------------------------------|
| <b>700</b> | <b>Fine arts</b>                     | <b>750</b> | <b>Painting</b>                   |
| 701        | Philosophy    Esthetics              | 751        | Materials and methods             |
| 702        | Compends                             | 752        | Color                             |
| 703        | Dictionaries                         | 753        | Epic    Mythic    Idealistic      |
| 704        | Essays                               | 754        | Genre    Still life               |
| 705        | Periodicals                          | 755        | Religious    Ecclesiastic         |
| 706        | Societies                            | 756        | Historical    Battles, etc.       |
| 707        | Education    Study                   | 757        | Portrait                          |
| 708        | Art galleries                        | 758        | Landscape    Marine               |
| 709        | History of art                       | 759        | Various schools                   |
| <b>710</b> | <b>Landscape gardening</b>           | <b>760</b> | <b>Engraving</b>                  |
| 711        | Public parks                         | 761        | Wood                              |
| 712        | Private grounds    Lawns             | 762        | Copper    Steel                   |
| 713        | Walks    Drives                      | 763        | Lithography                       |
| 714        | Water: fountains, lakes              | 764        | Chromolithography                 |
| 715        | Trees    Hedges    Shrubs            | 765        | Line    Stipple                   |
| 716        | Plants    Flowers    Conservatories* | 766        | Mezzotint    Aquatint             |
| 717        | Arbors    Seats    Outlooks          | 767        | Etching    Dry point              |
| 718        | Monuments    Mausoleums              | 768        | Banknote    Machine               |
| 719        | Cemeteries                           | 769        | Collections of engravings         |
| <b>720</b> | <b>Architecture</b>                  | <b>770</b> | <b>Photography</b>                |
| 721        | Architectural construction           | 771        | Photographic chemistry            |
| 722        | Ancient and oriental                 | 772        | Silver processes, etc.            |
| 723        | Medieval    Gothic                   | 773        | Gelatin and pigment processes     |
| 724        | Modern                               | 774        | “    & printer's ink    Albortype |
| 725        | Public buildings                     | 775        | Photolithography, etc.            |
| 726        | Ecclesiastic and religious           | 776        | Photozincography, etc.            |
| 727        | Educational and scientific           | 777        | Photoengraving    Photoelectros   |
| 728        | Residences                           | 778        | Special applications              |
| 729        | Design and decoration                | 779        | Collections of photografs         |
| <b>730</b> | <b>Sculpture</b>                     | <b>780</b> | <b>Music</b>                      |
| 731        | Materials and methods                | 781        | Theory                            |
| 732        | Ancient                              | 782        | Dramatic                          |
| 733        | Greek and Roman                      | 783        | Sacred                            |
| 734        | Medieval                             | 784        | Vocal                             |
| 735        | Modern                               | 785        | Orchestral                        |
| 736        | Carving    Seals    Dies    Gems     | 786        | Piano and organ                   |
| 737        | Numismatics    Coins    Medals       | 787        | Stringd instruments               |
| 738        | Pottery    Porcelain                 | 788        | Wind    “                         |
| 739        | Bronzes    Bricabrac                 | 789        | Percussion and mechanical         |
| <b>740</b> | <b>Drawing    Decoration</b>         | <b>790</b> | <b>Amusements</b>                 |
| 741        | Freehand    Crayon                   | 791        | Public entertainment              |
| 742        | Perspectiv                           | 792        | Theater    Opera                  |
| 743        | Art anatomy    Life school           | 793        | Indoor amusements                 |
| 744        | Mathematic drawing                   | 794        | Games of skill    Chess           |
| 745        | Ornamental design: carpet, etc.      | 795        | Games of chance    Cards          |
| 746        | Art needlework                       | 796        | Outdoor sports                    |
| 747        | Interior decoration                  | 797        | Boating and ball                  |
| 748        | Staind and iridescent glass          | 798        | Horsemanship    Racing            |
| 749        | Artistic furniture                   | 799        | Fishing    Hunting    Shooting    |

## Literature

- |            |                                   |            |                                   |
|------------|-----------------------------------|------------|-----------------------------------|
| <b>800</b> | <b>Literature</b>                 | <b>850</b> | <b>Italian literature</b>         |
| 801        | Philosophy                        | 851        | Poetry                            |
| 802        | Compendis                         | 852        | Drama                             |
| 803        | Dictionaries                      | 853        | Fiction                           |
| 804        | Essays                            | 854        | Essays                            |
| 805        | Periodicals                       | 855        | Oratory                           |
| 806        | Societies                         | 856        | Letters                           |
| 807        | Study and teaching                | 857        | Satire Humor                      |
| 808        | Rhetoric Treatises                | 858        | Miscellany                        |
| 809        | History                           | <b>859</b> | <b>Rumansh and Wallachian</b>     |
| <b>810</b> | <b>American literature</b>        | <b>860</b> | <b>Spanish literature</b>         |
| 811        | Poetry                            | 861        | Poetry                            |
| 812        | Drama                             | 862        | Drama                             |
| 813        | Fiction                           | 863        | Fiction                           |
| 814        | Essays                            | 864        | Essays                            |
| 815        | Oratory                           | 865        | Oratory                           |
| 816        | Letters                           | 866        | Letters                           |
| 817        | Satire Humor                      | 867        | Satire Humor                      |
| 818        | Miscellany                        | 868        | Miscellany                        |
| 819        |                                   | <b>869</b> | <b>Portuguese literature</b>      |
| <b>820</b> | <b>English literature</b>         | <b>870</b> | <b>Latin literature</b>           |
| 821        | Poetry                            | 871        | Poetry                            |
| 822        | Drama                             | 872        | Dramatic                          |
| 823        | Fiction                           | 873        | Epic                              |
| 824        | Essays                            | 874        | Lyric                             |
| 825        | Oratory                           | 875        | Oratory                           |
| 826        | Letters                           | 876        | Letters                           |
| 827        | Satire Humor                      | 877        | Satire Humor                      |
| 828        | Miscellany                        | 878        | Miscellany                        |
| <b>829</b> | <b>Anglo-Saxon literature</b>     | <b>879</b> | <b>Minor Italic literatures</b>   |
| <b>830</b> | <b>German literature</b>          | <b>880</b> | <b>Greek literature</b>           |
| 831        | Poetry                            | 881        | Poetry                            |
| 832        | Drama                             | 882        | Dramatic                          |
| 833        | Fiction                           | 883        | Epic                              |
| 834        | Essays                            | 884        | Lyric                             |
| 835        | Oratory                           | 885        | Oratory                           |
| 836        | Letters                           | 886        | Letters                           |
| 837        | Satire Humor                      | 887        | Satire Humor                      |
| 838        | Miscellany                        | 888        | Miscellany                        |
| <b>839</b> | <b>Minor Teutonic literatures</b> | <b>889</b> | <b>Minor Hellenic literatures</b> |
| <b>840</b> | <b>French literature</b>          | <b>890</b> | <b>Minor literatures</b>          |
| 841        | Poetry                            | 891        | Minor Indo-European               |
| 842        | Drama                             | 892        | Semitic                           |
| 843        | Fiction                           | 893        | Hamitic                           |
| 844        | Essays                            | 894        | Scythian Turanian                 |
| 845        | Oratory                           | 895        | Eastern Asiatic                   |
| 846        | Letters                           | 896        | African                           |
| 847        | Satire Humor                      | 897        | North American                    |
| 848        | Miscellany                        | 898        | South American                    |
| <b>849</b> | <b>Provençal literature</b>       | 899        | Malay-Polynesian and other        |

## History

- |            |                                 |            |   |
|------------|---------------------------------|------------|---|
| <b>900</b> | <b>History</b>                  | <b>950</b> | <b>Asia</b>                                       |
| 901        | Philosophy                      | 951        | China   |
| 902        | Compendis      Chronologies     | 952        | Japan   |
| 903        | Dictionaries                    | 953        | Arabia  |
| 904        | Essays                          | 954        | India   |
| 905        | Periodicals                     | 955        | Persia  |
| 906        | Societies                       | 956        | Turkey in Asia                                    |
| 907        | Study and teaching              | 957        | Siberia   |
| 908        | Polygraphy                      | 958        | Afghanistan      Turkistan      Balu-<br>[chistan |
| 909        | Universal histories             | 959        | Farther India                                     |
| <b>910</b> | <b>Geography and travels</b>    | <b>960</b> | <b>Africa</b>                                     |
| 911        | Historical                      | 961        | North Africa                                      |
| 912        | Maps                            | 962        | Egypt      Nubia                                  |
| 913        | Antiquities                     | 963        | Abyssinia   |
| 914        | Europe                          | 964        | Morocco   |
| 915        | Asia                            | 965        | Algeria   |
| 916        | Africa                          | 966        | North Central Africa                              |
| 917        | North America                   | 967        | South Central Africa                              |
| 918        | South America                   | 968        | South Africa                                      |
| 919        | Oceania      Polar regions      | 969        | Madagascar      Mauritius                         |
| <b>920</b> | <b>Biography</b>                | <b>970</b> | <b>North America</b>                              |
| 921        | Of philosophy                   | 971        | British America                                   |
| 922        | “ theology                      | 972        | Mexico      Central America                       |
| 923        | “ sociology                     | 973        | United States                                     |
| 924        | “ philology                     | 974        | North Atlantic states                             |
| 925        | “ science                       | 975        | South Atlantic states                             |
| 926        | “ useful arts                   | 976        | South Central or Gulf states                      |
| 927        | “ fine arts                     | 977        | Northeast Central or Lake “                       |
| 928        | “ literature                    | 978        | Western or Mountain “                             |
| 929        | Genealogy      Heraldry         | 979        | Pacific states                                    |
| <b>930</b> | <b>Ancient history</b>          | <b>980</b> | <b>South America</b>                              |
| 931        | China                           | 981        | Brazil  |
| 932        | Egypt                           | 982        | Argentina      Patagonia                          |
| 933        | Judea                           | 983        | Chile   |
| 934        | India                           | 984        | Bolivia   |
| 935        | Medo-Persia                     | 985        | Peru  |
| 936        | Kelts                           | 986        | Colombia      Ecuador                             |
| 937        | Rome      Italy                 | 987        | Venezuela   |
| 938        | Greece                          | 988        | Guiana  |
| 939        | Minor countries                 | 989        | Paraguay      Uruguay                             |
| <b>940</b> | <b>Europe</b>                   | <b>990</b> | <b>Oceania      Polar regions</b>                 |
| 941        | Scotland      Ireland           | 991        | Malaysia  |
| 942        | England      Wales              | 992        | Sunda   |
| 943        | Germany      Austria            | 993        | Australasia                                       |
| 944        | France                          | 994        | Australia   |
| 945        | Italy                           | 995        | New Guinea  |
| 946        | Spain      Portugal             | 996        | Polynesia   |
| 947        | Russia                          | 997        | Isolated islands                                  |
| 948        | Norway      Sweden      Denmark | 998        | Arctic regions                                    |
| 949        | Minor countries                 | 999        | Antarctic regions                                 |



# Complete tables

including all the

## SUBSECTIONS

# General works

## 010 Bibliography

.1 Theory, utility, etc. .2 Compendis .3 Dictionaries .4 Essays .5 Periodicals  
.6 Societies .7 Education, training, see also 020.7; .8 Polygraphy .9 History

## 011 General bibliographies Universal catalogs

011 is by Authors. If by Subjects they go in 016

Properly a catalog is of a special collection and so tells where the works may be found. A bibliography disregards actual location and tells what there is, but its contents can seldom be found in any one library

012-016 include both bibliographies and catalogs. 017-019 is limited to catalogs of general collections

## 012 Of individuals

Alfabeted by subjects of bibliographies (bibliografees), not by compilers; e. g. Chaucer, Dante, Ruskin, etc.

A bibliography of an individual may include either works about or by the individual, or both

Authors on whom special collections are being made (e. g. in 800) attract their bibliographies to same number, leaving only a reference here. Other individual bibliographies class here, unless clearly limited to some subject; e. g. artists or musicians, bibliography of Wagner 016.782

## 013 Of special classes of authors

Subdivided like the general classification, as indicated below. Lists of writings of such classes, if limited to a special subject, class with that subject; e.g. list of historical works by Jesuits 016.9. But in exceptional cases the bibliography of a special class of authors may be put with that class; e.g. bibliography of women's writings 396.58, tho 013.396 would be the better number in a general library

- .0206 Writings of members of A L A  
.064 " " " " French academy  
.282 " " Roman catholics  
.378744 " " Harvard graduates

### .9 Writings of foren residents in a special country

Often extended to one or more generations of descendants. This provides for bibliographies in which nationality, not subject, is the important idea

#### .91 Authors from special country

Divided like 930-999 by country of origin and farther subdivided with 0 like 930-999 by country of adoption; e.g. 013.91485 bibliography of writings of Swedes outside Sweden, 013.91485044 writings of Swedes in France, 013.9148507 of Swedes in America. This groups under *mother* country; e.g. gathers together all lists of works by emigrant Swedes

#### .930-999 Foren authors in special country

Usually preferable to .91. Divided like 930-999 by country of adoption and farther subdivided with 0 like 930-999 for country of origin; e.g. 013.944 foren authors in France; 013.973 foren authors in U S, 013.9730485 Swedish authors in U S; 013.9485073 American authors in Sweden. Ordinarily 013.94807 would be explicit enough; the longer number is not advised. This groups under *adopted* country; e.g. gathers under a given country all its foren authors

## 014 Of special forms: anonyms, pseudonyms, etc.

.1 American .2 English .3 German, etc.

**015 Of special countries**

Books published in the country. Publishers lists, current publications. Subdivided by countries like 940-999; e. g. 015.42, Bibliography of books published in England, as Lowndes or English catalog

The history of literature, i. e. belles lettres, poetry, drama, fiction, etc. goes, of course, with those topics in 800; but the literary history of any given place or period covering the writings on all subjects as well as in literature, is bibliography, and goes usually in 015, tho the literary history of some special class is 013

**016 Of special subjects**

Subdivided like the main classification, from 000-999; e. g. 016.01 Bibliography of bibliographies; 016.091, of manuscripts; 016.5, of science; 016.942, of English history, etc.

See also next note

**Library and sale catalogs**

Catalogs of any special subject, whether subject, author, or dictionary, go under its subject number, in 016, which is the ruling heading wherever it conflicts with another. 017-019 therefore includes only catalogs of general collections, limited to no one class or subject

Under 017-019, 4 means catalogs of books for sale, not published, by booksellers. For publishers catalogs see 015

**017 Clast catalogs: systematic or logical**

.1 Public .2 Private .3 Auction .4 Booksellers

Class here author and subject lists bound together, as they are much oftener used to see what has been written on some subject than whether a library has a certain book

For all forms of alphabetic subject catalogs, see 019. See 016 for Bibliographies

**018 Author catalogs** See 011 for Bibliographies

.1 Public .2 Private .3 Auction .4 Booksellers

A volume containing both author and subject catalogs is more useful in 017. For auction catalogs of private libraries use 018.2, not 018.3. 018 includes accession, chronologic, and any other forms (except subject and dictionary) of catalogs of collections

**019 Dictionary catalogs** Alfabetoclast, etc.

.1 Public .2 Private .3 Auction .4 Booksellers

**020 Library economy****SUMMARY****020-025 Science and administration of libraries in general**

- 021 Scope, founding, supporting
- 022 Buildings and grounds
- 023 Government and service
- 024 Regulations
- 025 Administration

**026-027 Special libraries and collections; history, description and management**

- 026 Libraries on special subjects
- 027 General libraries

**028-029 Allied subjects**

- 028 Reading and aids
- 029 Literary methods

**REFERENCES TO OTHER MATERIAL**

- 010 Bibliography
- 090 Book rarities

**020.1 Theory**

- .14 Library terms, definitions, etc. Discussion. For dictionaries, glossaries, etc. see 020.3
- .2 Compendia .3 Dictionaries .4 Essays .5 Periodicals

DECIMAL CLASSIFICATION

- 020.6 Societies, associations, clubs, conferences
  - .61 Official institutions; government departments
    - For library commissions see 021.82
  - .62 Societies not under government control
    - .621 International associations
    - .622 National " "
    - .623 State " "
    - .624 Local clubs
    - .625 Associations of special groups
      - State librarians, or class in 027.506
      - Medical " " " " 026.6106
      - Sunday school " " " " 027.8
      - Library dep't of N E A or class with subject in 021.3
  - .626 Mutual benefit associations
    - Or class in 023.59, if preferd
  - .627 A L A publishing board
    - For library leags see 021.3
  - .63 Congresses, conferences, meetings, temporary organizations
  - .65 Commercial establishments Library Bureau
    - For commercial circulars see 020.85
  - .7 Education Training Library schools
    - .71 Instruction, schools
      - Standards, location, cost, etc
      - .711 Library schools
        - Use letter for each school, and if desired divide like 378 A-Z
      - .712 Summer schools
      - .713 Apprentis classes Training classes
      - .714 Correspondence schools
      - .715 Library institutes
        - Similar to teachers institutes; local meetings with a conductor, for discussion of practical problems
      - .716 Courses in colleges and universities
      - .717 Courses in normal and high schools
      - .718
      - .719 Private schools and instruction
      - .72 Research work
      - .73
      - .74 Museums, exhibits
        - Collections of illustrativ appliances, blanks, etc
      - .75
      - .76
      - .77 Special pedagogic methods
      - .78
      - .79 Competitions, prizes, traveling scholarships
    - .8 Polygrafy
      - .81 Individual polygrafy
      - .82 Collectiv " "
      - .822 Extracts, maxims, anthologies
      - .83 Recipes
      - .84
      - .85 Commercial circulars
        - See also 020.65 Commercial establishments
      - .86
      - .87
      - .88 Curiosa, anecdotes, library humor, dummy book titles
      - .9 History of library economy
        - For history of libraries both public and private see 027
        - Lives of librarians are clast in 920.2. To keep them with the subject use 020.92, and for fotografs of librarians 020.921. Collected lives may be separated from individual by use of the Olin booknumbers (following Index)

## 021 Scope, usefulness and founding of libraries

Also scope and founding of combined libraries and museums. Support, development

- .01 Arguments for libraries: purpose, benefits
  - Impressiveness of libraries. Discussion of free public libraries is better class here than in 027.4
- .02 Arguments against libraries: evils of libraries
  - For paternalism in library see 021.201
- .03 Progress and future of libraries
  - Reforms, improvements, projects, plans, prophesies, library ideals
- .04 Ideals for special communities
  - e.g. what a library can do for a manufacturing community
- .1 Library as a storehouse
- .16 Character of material appropriate to library
- .2 Library as an educator; people's university
  - Material on private reading is better in 028 than in 021.2
  - While the work of a library is nearly all educational in a broad sense, the relations of the library to special classes of the community, outside of direct educational work thru schools and home education work, are best class with libraries for special classes in 027.6, or when a special subject predominates, in 026
- .201 Paternalism in library
  - See also 024.58 Library censorship of news, 024.64 Restriction of immoral books, 025.217 Exclusion of immoral or ill made books
- .25 Library as a publisher
- .26 " bookseller
- .28 Work for special classes of users
  - Physicians, lawyers, clergymen, women, foreners, etc. See also 021.3
- .3 Library in relation to schools and the young
  - This is mainly for relations of general public libraries to school work. Class a library owned by and kept at the school in 027.8. School libraries, 371.6, is only to keep all school material together under 370. Class general work for children with children's libraries in 027.6
- .31 Relations to teachers
- .32 " pupils
  - Librarian's talks to pupils, either at schoolhouses or at library, on use of library
- .33 Special libraries for schools
  - Specially selected from general library and lent to school either for class or general school use. Duplicates for schools
- .34
- .37 Work of individual libraries with schools
  - Alfabeted by library; e.g. accounts of work with schools by Hartford public library under Hartford, by Osterhout library at Wilkesbarre under Osterhout
- .4 Home education
  - This includes all services or added fields of work undertaken by the library outside the use of books. For programs, reports, etc. of home education agencies, see 374.1-9
- .41 Study clubs Reading circles, etc.
- .42 Conferences, conventions, institutes, etc.
- .43 Lectures
  - For extension courses, see 021.44
- .44 Extension courses Lecture study
- .45 Entertainments: dramatic, musical, etc.
- .46 Museums and temporary exhibits
  - Science museums or collections
- .47
- .48 Art galleries " "

- 021.5 **Library as a recreation**  
Serving refreshments; e. g. tea
- .6 **Library extension and cooperation**  
For work done by the state see 021.8
- .61 **Deliveries**  
See also 025.6 and 022.16
- .62 **Branches**  
See also 022.15
- .63 **Centralization**      **Grouping of libraries**
- .64 **Cooperation between libraries**  
Cooperation in any special department is class with the department; e.g. interlibrary lending 025.6
- .65 **Traveling libraries**  
A collection (usually 25 to 100 volumes) either general or on one subject, lent to a community, library, study club or other organization
- .66 **House libraries**  
A small traveling library for use of a person or household. Originated at New York state library for isolated students
- .67 **Home libraries**  
Small libraries for children, each library kept at home of some child for use of a group, under supervision of a visitor. The libraries travel from group to group. Originated by Boston Children's aid society
- .7 **Founding**      **Developing and maintaining interest**  
This is mainly for starting a library interesting people and bringing them to the library. For most special methods of interesting those who are already readers see 025.5 and 025.6
- .71 **Personal canvass, visits and correspondence**
- .72 **Circulars**
- .73 **Advertizing**  
In newspapers, posters, street cars, etc.
- .74 **Press**      **Publicity**  
Newspaper editorials, articles, letters, etc
- .75 **Schools and teachers**
- .76 **Churches and ministers**      **Pulpit**
- .77 **Literary and other organizations and institutions**
- .78 **Lectures**      **Public meetings and addresses**
- .79 **Library propaganda**  
Societies, local or general, for encouragement and stimulation
- .8 **Libraries and the state**      **Library legislation**
- .81 **State supervision**
- .82 **Library departments or commissions**  
Special work done by commissions is class by its subject. Reports of commissions, if largely a summary of the *public* libraries of the state, go in 027.4  
If important to keep all work of commissions together, class their reports here
- .83 **Government aid**
- .831 **State grants of money**
- .832 **Local subsidies**
- .84 **Gifts of books**
- .841 **Public documents, etc.**
- .842 **Copyright books**

LIBRARY ECONOMY

- 021.85 Exchanges  
 See 025.266 for systems of exchanges, management, routine in individual libraries. This number is for general exchanges by state or central authority
- .851 Local
- .852 Foren  
 Vattemare international exchanges, Smithsonian exchanges
- .86 Privileges
- .861 Remitted duties Free importation
- .862 Free postage Franking privilege
- .863 Lower rates or special facilities Cheap library post
- .87
- .88 State or local hindrances Politics
- .89 Library legislation  
 General; laws for a special subject are class with the subject; e.g. law for a library commission 021.82; law against injuring library books 024.8
- .891 National legislation
- .892 State “
- .893 Local legislation (county, city or village)
- .894-.899 Legislation in special countries or places  
 Divided like 940-999
- .9 Support, raising funds, etc.  
 For state aid separate from local help see 021.8
- .91 Taxes Appropriations Subsidies
- .92 Endowment
- .93 Gifts of money or books  
 See also 021.84 Government gifts
- .94 Bequests
- .95 Subscriptions
- .96 Lectures Fairs Entertainments, etc.  
 For raising money. For educational purposes see 021.43-.45
- .97 Membership fees

## 022 Library buildings

See also 727.8 Architecture For care of building see 025.9

- .1 **Location, site, etc.**
- .11 Location with reference to field of work
  - Accessibility to population served, to other libraries, educational institutions, etc.
- .12 Site
  - With reference to space, air, light, soil, slope of ground, etc.
- .13 Provision for growth      New buildings
- .14
- .15 Branches
- .16 Delivery stations
- .17 Newsrooms, reading rooms, etc.
- .2 **Material, protection**
- .21 Material: wood, brick, stone, steel, glass, etc.
  - Relative fitness for library buildings. See also 620.11 Strength of materials; 691 Building materials
- .22
- .23
- .24 Fireproof construction
- .25 Protection against fires
  - Location and relative efficiency of apparatus: hose, extinguishers, chemie engines, standpipes, etc. For watchman see 025.9. See also 614.84 Fire protection
- .26 Library fires, burning of libraries
- .27 Insurance
- .28
- .29 Other dangers
  - Flood, earthquake, cyclone, war, etc.
- .3 **Design Plans Construction**
  - Alphabet plans, elevations, exteriors, general descriptions, etc. by name of library. Use .31-.33 only for indexing
- .31 By kind of library
  - Divided like 027. Group plans for public libraries, 022.314, in 3 subsections
    - 022.3141 Libraries under 20,000, small; i.e. under this number list plans of such libraries, but shelve them in their alphabetic place under 022.3
    - .3142 Libraries from 20,000-100,000, medium
    - .3143 Libraries over 100,000, large
- .32 By subject
  - Divided like 026; e.g. under 022.3234 list plans of law libraries so that they may be readily refered to in 022.3, or in journals or reports class elsewhere
- .33 By country
  - Divide like 930-999 and use like 022.31-.32 only for reference
- .34 Design and decoration
  - Divided like 729 as follows:
- .341 Elevation, style
  - Only for general discussion; class elevation of a special library under 022.3
- .342 Plan
  - Number, distribution and dimensions of rooms; special forms, spiral, circular, etc. See note under 022.341



LIBRARY ECONOMY

- 022.343 Artistic forms
- .344 Painted decoration, etc.
- .348 Stained glass
- .349 Accessories and fixed furniture
  - Include paintings, statues, busts, etc. as decoration for building. Special library furniture, bookcases, loan desks, etc. are 022.9
- .35 Construction
  - Divided like 721. Class here only discussions limited to library buildings
- .36
- .37 Library rooms as part of other building
- .38
- .39 Remodeling old building
  - Either other buildings (churches, residences, etc.) for library purposes, or remodeling a library to meet modern conditions
- .4 Storage and shelving
  - For furnishing of private libraries see 645.63
- .41 Storage
  - Capacity per square meter of floor, or running meter of cases; allowance for growth
- .42 Shelving round sides of room
- .421 Wall cases
- .422 Alcoves
- .423 Galleries
- .43 Stacks
- .431 Stack rooms
  - Dimensions, maximum width with natural light only. Number of rooms, one or several. Number of floors
- .432 Arrangement of cases
  - Parallel, radial; light; open access, supervision
- .433 Movable cases
- .434 Ailes
  - Position, width
- .435 Flooring of stack rooms
  - Solid, glass, open grating
- .438 Maximum floor load
- .44 Cases, tiers
- .441 Material: wood, metal, glass
- .442 Dimensions of case and tier, height, length
  - See also 022.452 Dimensions of shelf
- .443 Plan of cases
  - Open or closed ends and backs; 1 or 2 ledges
- .444 Fixed or movable shelving
- .445 Quarto and folio shelving
- .45 Shelves
- .451 Material
  - Wood, metal, glass, stone, sheet iron, skeleton steel
- .452 Dimensions: length, depth, thickness; standard shelf
- .453 Surface finish or covering
  - Paint, varnish, cloth or leather covering
- .454 Shelf supports: pins, brackets

DECIMAL CLASSIFICATION

- 022.46 Cases and shelvs for large books, lying flat  
Dimensions, sliding or roller shelvs, etc.
- .47 Closed cases      Doors: glass, screen or wood
- .48 Special cases
- .481 Hanging presses
- .482 New-book cases
- .483
- .484
- .485 Cases for maps, engravings, etc.
- .486 Cases for fotografs
- .487 Cases for lantern slides
- .5 **Reading rooms**  
See also 022.63 Rooms for special material
- .51 General reading room      Central hall
- .52 Small reading rooms      Study rooms  
Gallery study tables. For seminar and class rooms see 022.65
- .53 Reference room
- .54 Standard library
- .56
- .57 Women's room
- .58 Children's room
- .6 **Administration and special rooms**
- .61 Rooms for trustees or outside organizations
- .611 For trustees
- .612 " committees, commission, school board
- .613
- .614 For local societies
- .62 Administration rooms  
Divided like 025
- .63 Rooms for special material  
Divided like 025.17; e.g. 022.6332 Newsrooms
- .64 Special collections: patents, local history, etc.
- .65 Instruction rooms, etc.
- .651 Lecture room or hall, theater, concert
- .653 Seminar room, class room
- .655 Museum
- .656 Art gallery
- .657 Exhibition room
- .658 Photografic and dark room
- .659 Piano and music room
- .66 **Recreation rooms**
- .661 Conversation room
- .662 Chess room
- .663 Other games
- .664 **Billiards**
- .665 **Bowling**

LIBRARY ECONOMY

- 022.666      Gymnasium
- .67
- .68      Public rooms      Lavatories, etc.
- .681      Entrance halls and corridors
- .682      Waiting room
- .683      Telephone booth or room
- .684      Lunch room
- .685      Coat room
- .686      Toilet room, lavatories, etc.
- .687      Garage, bicycle room, etc.
- .69      Residence rooms
- .691      Librarian
- .695      Janitor
- .7      **Lighting**
- .71      Natural lighting; windows
  - For architectural side see 022.358; for stained glass see 022.348
  - Position of windows; size and number; shape. Provision for opening: sliding, hinged or pivot sash, French casement
- .72      Skylights
- .73      Prisms
- .74
- .75      Artificial lights: materials
- .751      Lamps, oil, etc.
- .752      Gas
- .753           Acetylene
- .754           Electricity
- .76      Fixtures
- .762      Portable or semiportable lights
- .763      Table lights
- .764      Standards
- .765      Bracket lamps
- .766      Chandeliers
- .77      Lighting of stacks by electricity
  - Fixt or movable lights
- .8      **Heating and ventilation**
  - General hygiene of library. Divided like 697
- .9      **Fixtures, furniture, fittings**
- .91      General furniture
- .911      Chairs
- .912      Tables
- .913      Desks
- .914      Revolving cases
- .915      Bases
- .916      Vertical files

See also 651 Office equipment

DECIMAL CLASSIFICATION

- 022.92 Public conveniences
- .921 Hatracks
  - .922 Umbrella stands
  - .923 Clocks
  - .924 Bulletin boards
  - .93 Furniture for exhibiting or using books, pictures, etc.
  - .931 Exhibition cases, fixt or movable
  - .932 Wing frames
  - .933 Easels
  - .934 Reference book holders
  - .935 Newspaper racks, files, etc.
  - .94 Appliances for getting or carrying books or messages
  - .941 Ladders, stepladders
  - .942 Book trucks
  - .943 Carrying trays
  - .944 Mechanical carriers  
See also 621.867 Conveyers Telferage
  - .945 Book lifts
  - .946 Pneumatic tubes
  - .947 Speaking tubes
  - .948 Interdepartment telefones  
See also 621.3853 Intercommunicating telefones
  - .95 Elevators  
For carrying persons, goods, etc. See also 621.877. Class here only discussion of them for library use. For book lifts see 022.945
  - .96 Floor coverings  
For permanent flooring see 022.356
  - .961 Linoleum, corticine
  - .962 Matting
  - .963 Carpets
  - .964 Rugs
  - .965 Door mats: rubber, wire, etc.
  - .97
  - .98
  - .99 Desk fittings, etc.  
Divided like 651

023 Government and servis Personnel

- .1 Constitution and bylaws for governing board  
Charters. Local ordinances, etc.
- .2 Appointment and tenure of offisers under governing board  
State or local civil servis. Special library examinations. Promotions. Probationary appointments. Temporary or limited period appointments. Appointments by executiv offiser

- 023.3 Governing board**  
 Trustees, committees, directors, regents, etc.
- .31 **Method of selection**  
 Election, appointment, exofficio trustees, close corporation, i.e. selfperpetuating body
- .32 **Number**
- .33 **Qualifications**
- .34 **Women as trustees**
- .35 **Powers and duties**
- .36 **Financial administration**
- .37
- .38 **Time and place of meetings**
- .4 **Executiv    Consulting librarian    Library expert**  
 For appointment see 023.2. See also 023.5-9, which apply to executiv as well as to staff
- .43 **Responsibilities and privileges**
- .5 **Staff**  
 Including all subordinate positions. For method of appointment see 023.2
- .51 **Qualifications**
- .52 **Personality    Character    Moral and social equipment**
- .53 **Mental equipment    Natural ability**
- .531 **General education**
- .532 **Professional education    Training**  
 See also 020.7 Library schools
- .535 **Reading of librarians**
- .54 **Physical equipment    Helth    Exercise**
- .55 **Staff meetings    Relations to hed**
- .56 **Women as librarians**  
 Including difference in salaries of men and women
- .57 **Worries and trials**
- .58 **Longevity**
- .59 **Library benefit associations**  
 See also 020.626
- .6 **Daily hours    Holidays and vacations**
- .61 **Daily hours**
- .611 **Records    Record clock**
- .612 **Punctuality    Tardiness**
- .62 **Hours for meals    Lunch room**  
 See also 022.6 Special rooms
- .63 **Special work**
- .631 **Evening**
- .632 **Sunday**
- .633 **Holiday**
- .64 **Work by hour    Overtime, extra hours**
- .641 **Making up lost time**
- .642 **Payment for overtime**
- .643 **Effect of overstrain on employees**
- .644 **“    “    on servis**

DECIMAL CLASSIFICATION

- 023.65 Holidays
  - .651 Weekly half holiday
  - .652 Legal holidays
  - .66 Vacations
    - .661 Time of year
    - .662 Length
    - .663 Continuous or in instalments
    - .664 Sabbatic year
  - .67 Absences for sickness or other causes
    - See also 023.641 Making up lost time
  - .68 Attendance at meetings
    - .681 International
    - .682 National
    - .683 State
    - .684 Local
- .7 Titles and duties
  - .701 Specialization      Monotony      Change of work
  - .702 Understudies
  - .71 Executiv      Director
    - Chief or principal librarian, keeper, etc.
  - .72 Department, division or section heds
    - Librarians, sublibrarians, chiefs, heds
  - .73 Reference staff or faculty
    - Librarians of special subjects
  - .74 Assistants      Catalogers
  - .75 Pupil assistants, apprentices, volunteers
    - Paid mainly by instruction
  - .76 Clerical servis
    - .761 Stenografers
    - .762 Typewriters
    - .763 Clerks
  - .77 Mechanic servis
    - .771 Binders
    - .772 Electricians
    - .773 Carpenters
    - .774 Other mechanics
  - .78 Pages, messengers, ushers, runners
  - .79 Janitor servis
    - .791 Janitor
    - .792 Watchman
    - .793 Elevatormen
    - .794 Attendants, in coat room, etc.
    - .795 Porters and packers
    - .796 Cleaners, etc.

- 023.8 **Remuneration: salaries, pensions**  
 Divided like 023.7. See 023.56 for difference between salaries of men and women
- .9 **Rules for staff**      **Codes**  
 Made by trustees or librarian  
 For punctuality see 023.612. For absences or sick leave see 023.67
- .91 Conversation
- .92 Personal calls or work
- .93 Soliciting money, subscriptions, contributions
- .94 Respect and care for library property
- .95 Uniforms
- .96 **Curtesy**      **Indifference**  
 See also 174 Business ethics; 177.1 Curtesy (social ethics)
- 024 **Rules for readers**  
 For reference and circulating departments
- .1 **Readers qualifications**
- .11 Age
- .12 Residence
- .13 **Relations to community**  
 Membership in society, club or institution; official position; profession, etc.
- .14 **Responsibility**  
 Reference, guarantor, money deposit
- .15 **Registration**
- .16      "      for limited period
- .2 **Fees**      **Assessments**      **Free use**
- .21 **Membership fees**  
 Mercantile libraries, atheneums
- .22 **Book fees**  
 Circulating library fees. For fines see 024.6
- .23 **Fees for readers card, etc.**  
 For petty expenses to guard against wastefulness
- .24
- .25 **Extra library fees; e. g. college library**
- .26 **Public library fee**  
 For subscription departments see 024.7
- .27
- .28 **Free use**
- .3 **Hours of opening**
- .31 **Number of hours**
- .32 **Time of day: morning, afternoon**
- .33 **Evening opening**
- .34 **All night**      "
- .35 **Intermission for meals**  
 Closing library during lunch, dinner or supper hours
- .36 **Hours for reference and circulating departments**
- .37 **Cooperation of local libraries**  
 Agreement on hours so that some library shall always be open

DECIMAL CLASSIFICATION

- 024.4 Days of opening or closing
  - .41 Sunday
  - .42 Special religious days
  - .43 Holidays
  - .44 Vacation, summer
  - .45 Inventory Examination
    - Closing for annual examination of library
  - .46 Special occasions
    - Closing for recataloging or rearrangement; public calamity, deaths
  - .47 Closing for epidemics
- .5 Reference use
  - .51 Reading room rules
  - .52 Decorum in library
    - Unwelcome visitors; library cranks
  - .53 Ladies in reading room
    - For women's separate reading room see 022.57
  - .54 Access to catalogs
    - For access to librarian see 023.43
  - .55 Open reference shelves
  - .56 Open shelves in general
  - .57 Restricted or selected access to shelves
    - Restriction as to persons or subjects
  - .58 Library censorship of news
    - Obliteration or suppression, in reading room copies, of newspaper reports tending to lower morals; e.g. betting and racing news, reports of crime, criminal trials. See also 021.201 Paternalism
- .6 Home use Loans
  - .61 Number of books
    - .611 Two book system
    - .612 Summer vacation cards
  - .62 Time: 7-day books, new periodicals
  - .63 Delinquencies Fines
    - For injuries, etc. see 024.8
  - .64 Renewals
    - Extension of loans by library
  - .65 Relending
    - Lending by borrowers
  - .66 Reservations
  - .67 Restricted books
    - .671 Reference
    - .672 Rare or costly
    - .673 Medical
    - .674 Of immoral tendency Library inferno
      - See also 021.201 Paternalism
  - .68 Interlibrary loans
  - .681 International loans



LIBRARY ECONOMY

- 024.7 **Special privileges**
  - .71 Extra books Teachers cards
  - .72 Extra time
  - .73 Remission of fines Excuses
  - .74 Favor'd classes: trustees, faculty, staff
  - .77 Lending restricted books
  - .78 Subscription department
    - Novels and popular new books lent for fee. Extra copies for rent in public (tax supported) libraries
- .8 **Injuries Abuses**
  - .81 Defacements
    - Marks; corrections, notes and comments
  - .82 Mutilation
  - .83 Removal of plates, maps, etc.
  - .84 Mutilating newspapers
  - .85 Losses by readers; payment
  - .86 Thefts
  - .87 Restitutions
  - .88
  - .89 Prevention of abuse
    - Methods of preventing injury and inducing better care of books. For library leag see 027.6
- .9 **Other rules**

## 025 Administration Departments

## SUMMARY

Supervision	025.1	Executiv
Acquisition	.2	Accession
Utilization	.3	Catalog
	.4	Classification
	.5	Reference
	.6	Loan
Preservation	.7	Binding
	.8	Shelf
	.9	Care of bilding

025 is for the librarian's part. The trustees bild and furnish (022); make rules for government and servis (023), and regulations for readers (024); but the administration involves questions of its own, which, however, are closely allied to topics in 021-024 and elsewhere; e. g. the librarian must know his side of binding, and be able to give proper directions and supervision, but need not know all the details of the binder's craft (686)

Administration includes .1 Supervision .2 Acquisition .3-6 Utilization .7-9 Preservation; i. e. the librarian's duty to books is to Get, Use, Keep

- .1 Executiv General supervision**
- .11 Finances**  
 See also 023.36 Financial administration of governing board
- .111 Invested funds, endowments, gifts**  
 See also 021.9 Support
- .112 Appropriations: local or state**  
 See also 021.8 Libraries and the state
- .113 Other money receivd**  
 Fees, assessments, fines, payments for special servises and investigations, etc.
- .114 Accounts: receipts and expenses, bookkeeping**
- .115 Salary payments Staff payrolls**  
 See also 023.8 Salaries
- .116 Expenses: fittings, supplies and incidentals**  
 Class with a department supplies peculiar to it, their kind, quality, cost, etc.; e.g. catalog cards with 025.3. For bookbuying see 025.2
- .117**
- .118 Cost of preparing books for shelvs**
- .12 Printing and publications**  
 Both preparation of material and details of printing, including size, style, type, etc.
- .121 Blanks and forms, stationery**  
 If relating to a special department class with it; e.g. bookplates in 025.2
- .122 Publications**
- .123 Reports and statistics**  
 See also 027
- .124 Catalogs**  
 See also 017-019. For cataloging see 025.3
- .125 Bulletins**  
 Frequency, advertisements, etc. See also 017-019. For preparation of book lists see 025.3
- .126 Library magazine or paper**
- .127**
- .128**
- .129 Duplicating by neostyle, carbon, etc.**  
 For machines and processes see 652. Class here discussion of fitness for library applications only

LIBRARY ECONOMY

- 025.15 Correspondence
- .151 Stationery
  - Material, weight, size and headings
- .152 Stenografers, dictation machines
- .153 Typewriters
- .154 Copiers
  - Roller, press, carbons, portable. See also 025.129
- .156 Letter files
  - See 029.3 for methods
- .17 Treatment of special material
  - For general discussions. Class special work under each department: e.g. cataloging of incunabula in 025.3
- .171 Manuscripts and rarities
  - Divided like 090
- .172 Pamflets
- .173 Serials, documents, etc.
  - 1 Periodicals, magazines, etc.
  - 2 Newspapers
  - 3 Annual reports
  - 4 Documents; national, state and local
- .174 Broad sides
- .175 Clippings
- .176 Maps and charts
- .177 Art material
  - Engravings, fotografs, drawings, lantern slides
- .178 Music: scores, rolls, etc.
- .179 Museum material
- .18 Administration of individual libraries
  - Alfabet by name of library. For administration of special kinds of libraries see 026 and 027

DECIMAL CLASSIFICATION

025.2 Accession Acquisition

SUMMARY

- 025.21 The library and its selection
  - .22 Methods of acquisition
  - .23 Ordering and receiving
  - .24 Accessioning
  - .25 Marks of ownership
  - .26 Duplicate and exchange department
  - .29 Special material
- .21 The library and its selection
- .211 What? Proper proportion of subjects
  - Division of funds; endowments for special subjects; accession statistics
- .212 Specialization by libraries
  - Division of subjects among local libraries. See also 021.64 Cooperation. For collections on special subjects, economics, science, etc. see 026
- .213
- .214 Who? Selectors of books
  - Trustees or trustee committee; librarian; staff committee, book board; advisory committee from outside; experts; central body (bibliographic bureau, state commission, etc.)
- .215 How? Methods of selection
  - Recommendations by readers; personal examination; visits to book stores; books sent on approval; printed reviews; first selection for new library. Want lists, books under consideration
  - For lists of best books, A L A catalog, annual lists, etc. see 016
  - For principles of selection and choice of editions see 028.2
  - For selection for special classes see 027.6, 027.8, 028.5
- .216 Buying fiction
  - Duplicating popular fiction; extra copies of best fiction
- .217 Rejection, exclusion, censorship
  - Pernicious literature; badly made books; yellow journals See also 021.201 Paternalism
- .218 Weeding out, sifting
  - Separating books no longer of service to library. For withdrawal book see 025.249
- .22 Methods of acquisition
- .221 Buying new books
  - Local bookstore; book center, general agent; publishers; subscription agent; bids on special lists; foreign books thru home or American agent, thru foreign agent. See also special material 025.29
- .222 Prices Discounts
  - Net books. For free importation, see 021.861
- .223 Buying old books
  - Secondhand catalogs; remainders, trade sales; dealers in old books, bookstalls; value of old books
- .224 Auctions
  - For auction catalogs, see 017-019
- .225 Buying libraries in block
- .226 Exchange
- .227 Gifts
  - Request blanks and records; gift lists; acknowledgments; privately printed books; propagandist books
  - For government documents and copyright books see 021.84
  - See 025.268 for gifts from library to library

- 025.23 Ordering and receiving  
 For gifts, see 025.227; for exchanges, see 025.266
- .231 Ordering  
 Order slips or lists; order books or sheets; copies of orders; order index; order numbers
- .232 Examination for duplicates and verification  
 Misspeld names; changed titles; separates
- .233 Reception and opening  
 Express, mail, etc; frequency of shipments; free delivery
- .234 Checking bills  
 Prices and amounts
- .235 Collation
- .236 Receipt index
- .24 Accession book
- .241 Importance of record  
 Accession book vs shelflist, etc.
- .242 Printed headings      Items      Fulness of entries
- .243 Accession number: volume, work or invoice
- .244 Accession stamp
- .249 Withdrawal book
- .25 Ownership marks
- .251 Private marks
- .252 Stamping  
 Ink, embossing, or perforating stamp.  
 Table and foot power
- .253 Book plates      Plating  
 See also 097
- .254 Library name on outside of book  
 Gilding or impressing name of library on back or covers
- .255 Card pockets
- .26 Duplicate and exchange departments
- .261 Duplicates  
 Definition, rules and decisions, marking, stamp, plate, etc.
- .262 Duplicates of institution's own publications  
 Either of library or larger organization including it; e.g. duplicate Columbia publications in Columbia university library; stock on hand
- .263 Cataloging
- .264 Arrangement
- .265 Sale for cash
- .266 Exchange  
 General exchange of publications; exchange accounts
- .267 Clearing house for duplicates  
 See also 021.852 Vattemare international exchanges, Smithsonian exchanges
- .268 Gifts to other libraries
- .269 Deposits  
 By large libraries in small or in hospitals, prisons, etc. also deposits in great collections by individuals or small libraries. See also 025.218
- .29 Special material  
 Divided like 025.17

## DECIMAL CLASSIFICATION

- 025.3 Catalog**  
For printed catalogs themselves, see 017-019. This is for *cataloging*  
Printed, manuscript, or card; Author, subject, title, class; Dictionary or  
combined; Cooperative rules; Size notation; Cooperative cataloging;  
Duplicated titles, print or photography; Mechanical accessories, cards,  
cases and fittings, drawers, trays, blocks, checks, guides, labels
- .4 Classification**  
For philosophic classification of knowledge, see 112 Methodology. This is  
for practical classing of books, pamphlets, and notes, rather than theo-  
retic speculation  
On shelves; in catalogs; in dictionary catalogs; Systems of notation, fig-  
ures, letters, symbols, combined; Importance and advantages; Diffi-  
culties; Close vs broad classing; Mnemonic features; Basis of division;  
Coordination of special subjects
- .5 Reference Reference books Aids to readers**  
See 028 for general discussion of reading and aids. This is limited to  
library administration
- .6 Loan**  
See 024.1 and 024.6 for regulations  
Indicators; Charging systems, ledgers vs cards, Book cards, marks, pockets;  
Call slips, readers cards; Notices, reserves; Registers; Interlibrary loans;  
Mechanical accessories, slip cases, trays, tills, stamps, etc.
- .7 Binding and repair**  
See also 686 Bookbinding  
Materials, durability, tight vs spring backs, sewing, color, lettering; Paper  
covers and temporary binders; Restoring, mending, cleaning, and oiling
- .8 Shelf**  
See 022.9, Shelving  
Arrangement; Shelf numbers; Shelf and book labels; Fixed and relative  
locations; Sizes of shelves; Arrangement and preservation of public  
documents, pamphlets, papers, manuscripts, maps, drawings, and plans,  
music, broadsides, clippings; Chain books; Injuries, heat, gas, insects;  
Stock taking; Shelf lists
- .9 Biding: care, cleaning, safety Janitor Police**  
See 022 for biding and fittings. This is janitor's department

## 026 Libraries on special subjects

Histories, reports, statistics, bulletins, handbooks, circulars, and everything about the library not more required in preceding sections. Subdivided by adding the class number of subject; e. g. a Medical library is 026.61; a Chess library, 026.794; but the *catalog* of a chess library is 016.794. Blanks, etc. from any library go under subjects in 025, as more used in studying topics; but, if history of individual libraries is specialized, duplicates are also desirable under the library in 026-7, thus making a complete set of its publications

## 027 General libraries

This includes both circulating and reference: i. e. all not limited to special subjects

Subdivided if wished by countries, like 930-999; e. g. 027.744 College libraries in France. Or if wished, group all by geographic location, using 0 in 4th place to indicate no division by *kinds* of libraries; e. g. 027.044 Libraries of France; 027.07471 Libraries of N. Y. city

A private library is still class 027.1, after it has been sold or merged in a public library. But a society library changed to a free public should take 027.4 for all publications after the change

## .1 Private and family

## .2 Proprietary, society, club and Atheneum

.2 is limited to libraries that are semiprivate, requiring an election for admission, while .3 includes all open to any one on payment of a fee. It is the difference between a club and a hotel. .3 is for libraries run as a business. A mercantile library, even tho it has endowments, if open without individual election, goes in .3 as a subsidized public subscription library. Many private subscription libraries go in .2

## .3 Subscription Circulating

Mudie's, Booklovers, etc.

## .4 Free public Rate supported Endowd

Public library commissions. See also 331.85; and 027, last note

## .5 State and government

## .6 For special classes

Institution, prison, reformatory, asylum, blind, monastic, workmen's, factory, railroad, sailors, lighthouse. A workmen's library of books on engineering is 026.62, not here, as the subject is more useful than the class of readers

## .7 College

## .8 School Sundayschool Parish

See also 371.64 Libraries as school equipment; 021.3 Library in relation to schools and the young

## .9 Free newsrooms and reading rooms

See also 331.85

## 028 Reading and aids

See 374.1-2 Self education by private reading and reading circles

**.1 Methods**

Tasting, skipping, reviewing, making synopses, abstracts, extracts, and index rerums (see 029), book marking

**.2 Choice of editions**

Annotations, indexes, paper, type

**.3 Courses of reading**

Both discussion and lists of books

For sets of books representing prescribed courses for general culture, e. g. *Harvard classics*, see 080

**.4 Fiction Novel reading**

Discussion. Short selected lists may be put here, tho all fiction lists are better together in 016.823 (in German libraries 016.833, French libraries 016.844, etc.)

**.5 Reading of young Juvenils**

Both discussion and lists of books

**.6 Professorships of books and reading**

Lectures. Stimulus and guidance in schools

**.7 Use of reference books****.8 Aids to readers**

Guidance, printed or personal. See also 028.6 and 025.5

**.9 Character of reading in libraries**

## 029 Literary methods and laborsavers

Much in 025 and 028 belongs equally under 029 in its full meaning, but practical convenience is best served by referring to 025 and 028 insted of repeating the heds

**.1 Methods**

Exact reference; standard sizes; use of colors; thought study; intercalation or card system (see 025.3); cooperativ methods; records vs memory, etc. See 653 Abbreviations and shorthand; 154.1 Mnemonics; 025.4 Classification

.1 is for what one *learns* how to do by an improved *method*

.2 is for articles which one must make or buy in order to utilize. Where a pamphlet covers both appliance and method, class with predominant feature

**.2 Appliances Laborsaving tools and devices**

See also 651. Most literary laborsaving devices go also under 651. Offis equipment and methods; and are best kept together there; e. g. all offis and study furniture, fittings and supplies, cases, bookholders, reading desks, pigeonholes, files, etc. For pamphlet, map, etc. cases, see 025.8; for binders, 025.7

**.3 Clippings Scrapbooks or files**

See also Files, 651

**.4 Notebooks, notetaking, abstracting, etc.****.5 Indexing Index rerums Printed and patent indexes**

For alfabeting and transliteration see 025.3

**.6 Authorship Writing for press Copy and proof**

See also 655.25 Proofreading; 655.52 Relations to publishers

**.7****.8****.9**



GENERAL WORKS

The Divisions 030-070 below are all subdivided; 1 American; 2 English; 3 German; 4 French; 5 Italian; 6 Spanish; 7 Slavic; 8 Scandinavian; 9 Other

- 030 **General cyclopedias**
- 040 **General collected essays**
- 050 **General periodicals Magazines**
- 060 **General learned societies Museums**

Academies of Paris, Berlin, Vienna, etc. Societies on a specific subject go with that subject; e. g. 550.6 Geologic societies. See also 360 Institutions and associations, for philanthropic, political, social and similar organizations

- 070 **Journalism General newspapers**

- See also 029.3 Clippings Clipping bureaus
- 179.1 Morals of the press
- 322 Liberty of the press (political science)
- 351.751 Regulation of the press (government administration)
- 396.507 Women in journalism
- 655 Printing Publishing Copyright
- 741 Cartoons Caricatures

- .1 **Utility Theories Relations to other professions**
  - For government relations see 070.15
- .11 **Standards Ethics Influence Responsibility**
  - General and higher view, educativ influence; for degradation of the press see 070.16
- .12 **Endowd newspapers**
  - Independence of popularity
- .13 **Liberty of the press Censorship**
  - Individual privacy; diplomatic secrets; seditious or anarchic influence
  - See also political science, 323 Domestic relations
- .14 **War censorship**
- .15 **Subservience to special interests**
  - Use by sectarian, partizan or private interests. Government relations and influence: subsidies, 'reptil fund'
- .16 **Sensational or 'yellow' journalism**
  - Pictitious news; scandals, murder and divorce trials; blackmail, bribes
- .17
- .18 **Anonymous journals**
  - Those with editors or place of publication unknown
- .19 **Other general questions**
  - Comparison of field, importance and influence of newspaper, periodical and book
- .2 **Ownership and control**
  - .22 **Newspaper names**
  - .23 **Location**
    - .232 **Metropolitan Large city**
    - .234 **Provincial Small city**
    - .236 **Rural or village**
  - .26 **Syndicates Patent insides**

DECIMAL CLASSIFICATION

- 070.3 Business management
  - .31 Staff and workmen
    - .311 Offis staff
      - Manager, stenografers, bookkeepers, clerks, messengers
    - .312 Workmen
      - Compositors, foundrymen, pressmen, mechanics, laborers
  - .315 Hours, shifts
  - .318 Newspaper strikes
  - .32 Newspaper printing
    - Class here discussion of economy and other advantages of special methods and appliances
    - For mechanism and operation of newspaper presses see 655.31 Printing presses
    - .321 Size of page
    - .322 Methods and appliances
      - 2 Composition: linotype, monotype, etc.
      - 3 Stereotyping
      - 4 Presses
    - .324 Newspaper cuts: wood, zinc line, halftone
    - .325 Frequency of issue
      - Daily, semiweekly, weekly, etc.
    - .327 Time of issue
      - Morning, evening, successiv editions, extras
    - .328 Size of editions, number printed
    - .33 Distribution      Circulation      Sale
      - .331 Direct: subscription      Mailing
      - .332 House delivery
      - .334 Indirect: newsboys, news agencies, etc.
        - Crying and peddling in streets and news stands
      - .336 Advertizing methods
        - Subdivided like 659.1 Advertizing
      - .337 Specialties
        - As means of increasing circulation. For special departments see 070.43
        - Regular: foren or marine news, stocks, sporting, etc.
        - Occasional: adoption of popular causes, exposure of abuses, etc.
      - .338 Other means of increasing circulation
        - Competitions, guessing contests, prizes, fairs, lotteries, expeditions, etc.
    - .34 Cost of production      Expenses
      - .341 Plant: bilding and equipment, offises
        - Duplicate plant. Depreciation of machinery
      - .343 Supplies: paper, stationery, etc.
      - .344 Salaries and wages
        - Space rates. Pay of journalists, pecuniary inducements of vocation.
        - Traveling expenses
      - .345 Postage: pound rates, free carriage
      - .348 Advertizing
        - Necessity and cost of advertizing itself to gain circulation and secure advertizements. For methods see 070.336
    - .349

JOURNALISM

- 070.35 Sources of income      Receipts
  - Sales, subscriptions, subsidies. For bribes see 070.16
- .36      Adverting department
  - Including all business pertaining to a journal's advertizing columns. For advertizing agencies see 659.1
- .39      Foren offices
  - Subdivided like 940-999; e.g. *N Y herald* office in Paris 070.3944
- .4      Editorial management
- .41      General
  - Editing rules: order of departments and articles; style; newspaper diction
- .42      Staff: reporters, correspondents
  - Organization: hours, duties. For pay see 070.344
- .43      Editorial departments
- .43 I      News
  - I      Sources and channels of news
    - Telegraf, telephone, wireless, mail, reporters, carrier pigeons, other.
    - Utilization and precautions; conflicting news
  - 2      Press bureaus: associated press
    - Laffan and other news bureaus. For clippings see 029.3 under Literary methods and labor savers
  - 5      Foren
  - 6      Home
  - 7      Local
- .432      Leaders, editorials
- .433      Local interests
  - Discussion of local affairs, questions affecting schools, library, public works, etc. For local *news* department see 070.4317
- .44      Special subjects: departments and editors
- .443      Financial: stocks, business, shipping, etc.
- .445      Household      Home      Women      Children
  - 2      Cookery
  - 4      Clothing      Fashions
  - 6      Hygiene      Care of children
  - 7      Women's clubs
  - 8      Children's department: games, puzzles, etc.
- .446      Recreation      Sporting
- .447      Art, musical and dramatic
  - 7      Art
  - 8      Musical
  - 9      Dramatic
- .448      Literary
  - 1      Poetry
  - 3      Fiction
- .449      Other departments
  - 2 Religion; 3 Education; 5 Science; 8 Humor

DECIMAL CLASSIFICATION

- 070.45 Voluntary correspondents Contributors
- .47 Special editions
  - Sunday newspaper. Supplements. For extras see 070.327
- .48 Special kinds of journals
- .481 Official journals
- .482 Religious
- .483
- .484 For foren population
  - In language foren to country in which publisht
- .485 Propagandist
- .486 Professional and technical
- .487 Humorous
- .488 Literary
- .489 Other: amateur, etc.
  - 070.5-9 Form divisions
- .5 Periodicals on journalism
- .6 Press clubs Conventions Expositions
- .7 Study and teaching of journalism College courses
  - Schools Personal qualifications for journalism
- .9 History of newspapers and journalism
  - General History of American newspapers 071, of German journalism 073, etc. Class history of a particular journal with that journal

071-079 Newspapers of various countries

The 3d figures 1-9 are used as follows:

1 American	4 French	7 Slavic
2 English	5 Italian	8 Scandinavian
3 German	6 Spanish	9 Other

In large collections use geographic divisions under 1, American; 2, English, etc. as in 970 and 940-999. Because of large size and very general character, it is better to keep newspapers together here than to class with local history of the place where publisht. They could not go on shelves with ordinary books, and a reference is made as easily to them under 070 as anywhere.

## 080 Special libraries Polygrafy

For sets or 'libraries' so constituted as not to be redily scattered by subjects, and miscellaneous information; but class in 803 literary questions and answers, even the not alphabetic. Collections conditiond by terms of gift on being kept together may be put here, but for preferable treatment of sets, see Introduction p. 28<sup>8</sup>, section 10, and p. 35<sup>3</sup> under Reference library. If limited to a special subject, treat like Phoenix library, but shelv the collection in a block before or after the regular books on the same subject; e. g. the Doe collection on Spanish painting, D759.6, would stand together, yet would be where it belonged with the rest of the books on that subject.

## 090 Book rarities

Books about these topics, and those chiefly valuable because of their rarity, go here. A rare early edition of Shakspeare goes in 822.33 with reference from 099. 090 is mostly used for grouping references to books located elsewhere.

### 091 Manuscripts Autografs

Class in 096 mss important chiefly for illumination. Photografs of mss go with subject rather than here  
For Diplomatics and Paleography, see 417, and under the special language, 421.7, 431.7, etc.

### 092 Block books

### 093 Early printed books Incunabula

Colophons

### 094 Rare printing

Aldines, Elzevirs, Caxtons, etc. Privately printed books; unique books

### 095 Rare binding

Noted binders, costly ornaments, curious bindings

### 096 Rare illustrations or materials

Illuminated Illustrated by inserted plates Printed on vellum, silk, bark etc. in gold or silver letters, etc.

### 097 Ownership Book plates Ex libris

### 098 Prohibited Lost Imaginary

### 099 Other rarities Curiosa Minute size, etc.

# Philosophy

---

## 100 Philosophy in general

Works limited to none of the 9 divisions

- 101 Utility
- 102 Compendis, outlines
- 103 Dictionaries · Cyclopedias
- 104 Essays, lectures, addresses
- 105 Periodicals Philosophic magazines
- 106 Societies: transactions, etc.
- 107 Study and teaching of philosophy
- 108 Polygraphy, extracts, maxims, etc.
- 109 History of philosophy

## 110 Metaphysics

### 111 Ontology

Nature of being Substance and form

### 112 Methodology

Philosophic classification of knowledge Terminology For book classification  
see 025.4

### 113 Cosmology

Philosophic theories and discussion; for philosophy of mathematic processes  
see 510.1

- 114 Space
- 115 Time
- 116 Motion
- 117 Matter
- 118 Force
- 119 Quantity Number

**I20 Other metaphysical topics**

- I21 Theory of knowledge Origin Limits  
Dout, denial, belief
- I22 Causation Cause and effect
- I23 Liberty and necessity  
See also 233.7 Freedom; 234.9 Predestination; 159 Will
- I24 Teleology Final causes
- I25 Infinit and finite
- I26 Consciousness Personality See also 233.6 Doctrin
- I27 Unconsciousness Automata
- I28 The soul See 218 Natural theology; 237 Future state
- I29 Origin of the individual soul
  - .1 By special creation See also 213 Creation
  - .2 By inheritance Traduction  
See 575.1 Evolution; 136.3 Mental heredity; 233.3 Spiritual heredity
  - .3 Pre-existence
  - .4 Transmigration Palingenesis
  - .5 Emanation See also 147 Pantheism; 212 Natural theology

**I30 Mind and body Anthropology**

- I31 Mental Physiology and hygiene  
Psychic research  
New thought. For influence of mind on body, mind cure, etc. see 615.851; see also 612.8 Physiology of nervous system, 613.8 Hygiene of nervous system
- I32 Mental derangements  
See also 616.8 diseases of nervous system
  - .1 Insanity See 362.2 Asylums; 920.8 Lives; 616.84 Disease
  - .2 Idiocy See 362.3 Asylums; 920.8 Lives; 371.922 Education
  - .3 Hypochondria Melancholy See 616.852 Hysteria
  - .4 Catalepsy See 616.852 Hysteria
  - .5 Ecstatics
  - .6 Kleptomania and other leading to crime
  - .7 Dipsomania and other leading to vice  
See also 178 Temperance; 616.861 Alcoholism
  - .8 Mnemonic derangements  
Not knowing in one state what past in another. See also 154 Memory

**I33 Occultism Witchcraft Magic**

- .1 Apparitions Ghosts
- .2 Hallucinations
- .3 Divination Oracles Second sight Omens Predic-  
tions
- .4 Witchcraft Sorcery See also 272.8 Persecutions
- .5 Astrology See also 520.1 Astrology
- .6 Palmistry
- .7 Humbugs Quackery
- .9 Spiritism Table-tipping, etc. See also 289.9 Sects

**I34 Mesmerism Animal magnetism Clairvoy-  
ance**

Psychic phenomena, hypnotism

*in research*

*European movement*

135  
136Sleep Dreams Somnambulism  
Mental characteristics

- See also 131 Mental physiology
- .1 As influenced by sex  
See also 376.2 Mental capacity of women
- .2 " " " physical surroundings  
See also 575.3 Evolution; 573.4 Natural history of man
- .3 " " " ancestry (Mental heredity)  
See also 575.1 Evolution; 233.3 Spiritual heredity; 129.2  
Origin of soul; 613.92 Hygiene
- .4 " " " race Racial characteristics  
See also 572 Ethnology
- .5 " " " age  
See also 136.7 Childstudy
- .6 " " " physical structure and conditions
- .7 Childstudy Paidology *- also 372.1*  
Including adolescence
- .702 Methods  
1 Laboratory  
2 Home
- .708 Observations, records Albums
- .71 Body: structure, growth, care  
Limited to development period  
See also 136.3 Mental heredity 612.65 Growth  
371.7 School hygiene 613 Hygiene  
612.64 Embryology 613.9 Heredity
- .72 Mind  
Limited to period of physical development  
In a general library better class in 130 and 150 with only references here
- .73 Mental characteristics  
Group by influence like 136.1-6
- .74 Children's point of view  
Divided like the classification: e. g.  
.7417 Ethics .7479 Games  
.742 Religion .748 Literature
- .75 Delineation of children  
Psychology of children from authors' and artists' point of view
- .757 In art
- .758 In literature
- .76 Abnormal children  
Study of development. For methods of instruction see 371.9  
For institutions see 362, 364
- .761 Physically defectiv
- 1 Blind
- 2 Def
- 3 Blind-def
- .762 Mentally defectiv  
Divided like 132 Mental derangements; e.g. study of idiotic children  
136.7622
- .763 Morally defectiv Delinquents
- .764 Wildings  
Wildings: a class of children which, having been lost or deserted, have  
grown up away from the surroundings of children, alone or among animals.  
Paidology 1: 196 (July 1900)



- 136.765 Exceptionals Precocity  
 .766 Backward children  
 .767 Dependents  
 Homeless children, a public charge, lacking ideas and associations of children in families  
 .769 Other abnormal classes  
 .77 Boys The 'gang' The boy problem  
 .79 Childhood Divided like 930-999  
 .79I The child among uncivilized and semicivilized peoples
- 137 Temperaments  
 138 Physiognomy  
 Expression of mentality thru the body
- 139 Phrenology Mental photografs, etc.
- 140 **Philosofic systems**  
 The heds 140-149.9 are for the discussion of the systems as such. The filosofic works of authors of these various schools are clast under 190, not here. From these heds refer in the catalogs to authors clearly falling under them, without attempting to label each writer as an exponent of some one system
- 141 Idealism Transcendentalism  
 e. g. Plato, see 184.1, 888.4; Berkeley, see 192.3; Fichte, see 193.3; Emerson, see 191.3, 814.36
- 142 Critical filosofy  
 e. g. Kant, see 193.2
- 143 Intuitionalism  
 e. g. Reid, see 192.5; McCosh, see 191.5. See also 156 Intuitiv faculty; 171.2 Ethics.
- 144 Empiricism  
 e. g. Descartes, see 194.1; Bacon, see 192.1
- 145 Sensationalism  
 e. g. Locke, see 192.2
- 146 Materialism Positivism  
 e. g. Hobbes; Comte, see 194.8 See also 149.2 Realism
- 147 Pantheism Monism  
 e. g. Spinoza See 212 Natural theology
- 148 Eclecticism  
 e. g. Cousin, see 194.7
- 149 Other filosofic systems  
 See 211 Rationalism, skepticism; 214 Fatalism
- .1 Nominalism  
 .2 Realism See 146 Materialism  
 .3 Mysticism See 273.2 Heresies; 189.5 Medieval filosofy  
 .4 Associationalism  
 .5 Optimism Meliorism  
 .6 Pessimism  
 e. g. Schopenhauer, see 193.9 See also 216 Evil; 233 Doctrin of man  
 .7 Agnosticism  
 See 273.8 Agnostic heresy  
 .8 Nihilism  
 .9 Other systems

**150 Mental faculties Psychology**

For mind in animals see 591.51

**151 Intellect Capacity for knowing**  
**.1 Genius**

**152 Sense Sense perceptions**

See also physiology 612.84-88

**Passiv or receptiv faculty**

- .1 Vision**
- .2 Hearing**
- .3 Smell**
- .4 Taste**
- .5 Touch**
- .6 Muscular sense**

**153 Understanding**

See also 612.821 Physiologic psychology

**Activ or thinking faculty**

- .1 Association The concept or notion**
- .2 Association**
- .3 Abstraction**
- .4 Reflection**
- .5 Judgment**
- .6 Reasoning Induction and deduction**

See also 160 Logic

**154 Memory Reproductiv power**

See also 132.8 Mnemonic derangements

- .1 Mnemonics**

**155 Imagination Creativ power**

- .1 Fancy Imaging power**

**156 Intuitiv faculty Reason**

For reasoning, see 153.6

**157 Sensibility Emotions Affections**

**158 Instincts Appetites**

**159 Will**

## 160 Logic Dialectics

See 153.6 Reasoning power. For logic of chance, see 519 Probabilities

161 Inductiv

162 Deductiv

163 Assent Faith

See also 234.2 Doctrinal theology

164 Symbolic Algebraic

Logical machines

Logical topics

165 Sources of error Fallacies

166 Syllogism Enthymeme

167 Hypotheses

168 Argument and persuasion

169 Analogy Correspondence

See also 219 Natural theology

## 170 Ethics: theoretic and applied

Many topics in applied ethics occur also in law, specially in 343 Criminal law

See also 377.2 Ethical education.

.1 .2 Compendis .3 Dictionaries .4 Essays .5 Periodicals  
.6 Societies; Society for ethical culture .7 Study and teaching .8 Polygraphy  
.9 History

171 Theories Philosophy of ethics

Theories of the basis of morality

.1 Authority Will of God Christian

For rules of Christian conduct see 241

.2 Intuition Moral sentiment

See also 143 Intuitionism; 156 Intuitiv faculty

.3 Perfection

.4 Happiness Hedonism

.5 Utilitarianism

.6 Conscience Casuistry

.7 Evolutionary or educational

.8 Altruism

.9 Egoism

172 State ethics

.1 Individuals and the state Duties of citizens Patriotism

See also 320 Political science

.2 Duties of public offisers Official corruption

.3 Relations to church

Duty of state as to support and protection of church

See also 261.7 The church; 322 Church and state; 272 Persecutions

.4 International ethics Peace and war

See also 341 International law

- 173 Family ethics
- .1 Marriage and divorce See also 347.6 Family law
  - .2 Polygamy and monogamy See also 298 Mormonism
  - .3 Duties of husbands and wives
  - .4 Infanticide
  - .5 Duties of parents
  - .6 Duties of children
  - .7 Home life
  - .8 Masters and servants See also 647 Servants; 331 Labor
  - .9
- 174 Professional and business ethics
- .1 Clergy *Success*
  - .2 Physicians *Choosing the vocation*
  - .3 Lawyers
  - .4 Merchants Business men
  - .5 Speculation
  - .6 Gambling See also 175
  - .7 Compact Promis
  - .8 Employers and employd
  - .9
- 175 Ethics of amusements For amusements, see 790
- .1 Public shows and diversions Rinks, circuses, etc.
  - .2 Theater Opera Private theatricals
  - .3 Dancing Balls Round dances
  - .4 Games of skill: billiards, chess, etc.
  - .5 Games of chance: cards, dice, etc.
  - .6 Prize fighting Animal fighting: bull, dog, cock, etc.
  - .7 Racing: horse, boat, pedestrian, wheel, etc.
  - .8 Novel reading
  - .9 Betting Poolselling See 174.6
- 176 Sexual ethics
- .1 Chastity
  - .2 Celibacy See also 254 Celibacy of clergy
  - .3 Continenec
  - .4 Solitary vice
  - .5 Social evil See also 258 Parish care of fallen
  - .6 Adultery
  - .7 Immoral art
  - .8 Immoral literature
  - .9

- 177 **Social ethics** - *conduct of life*
- .1 **Curtesy**  
See also 395 Etiquet
  - .2 **Conversation Gossip**  
See also 374.1 Self culture
  - .3 **Truth Slander Flattery**
  - .4 **Dress Display Sumptuary legislation**
  - .5 **Caste Class feeling Welth and rank**  
See also 294 Brahmanism; 331 Capital and labor
  - .6 **Friendship Courtship Coquetry**
  - .7 **Philanthropy Humanity**
  - .8 **Solitude vs social obligations**
  - .9

- 178 **Temperance Stimulants and narcotics**
- General works on Temperance may be divided by form into .04 Essays; .05 Periodicals; .06 Societies; .07 Teaching; .09 History.  
See also 132.7 Dipsomania; 331.84 Laboring classes; 613.3 Beverages; 613.8 Nervous system
- .1 **Use of intoxicating drinks Beer drinking Medicinal use**  
See also 616.861 Alcoholism; and Alcohol, Alcoholic, in Relativ index
  - .2 **Total abstinence vs temperance**
  - .3 **Social drinking Wine at table Treating**
  - .4 **Traffic in intoxicating drinks License High license**  
See also 336.27 Taxation
  - .5 **Prohibition**  
Including legal discussion of prohibition. See also 329.81 Prohibition party
  - .6 **Reformatories Inebriate asylums, etc.**  
Discussion; for institutions themselvs see 362
  - .7 **Tobacco**
  - .8 **Opium Hashish Chloral Ether and other drugs**
  - .9 **Gluttony and other intemperance**

- 179 **Other ethical topics**
- .1 **Morals of the press Newspapers**  
See also journalism, 070.11
  - .2 **Cruelty to children**  
Including general humane societies covering work for both children and animals. See also 173.4 Infanticide; 331.3 Labor of children
  - .3 **Cruelty to animals**
  - .4 **Vivisection**  
See also 614.22 Vivisection laws
  - .5 **Oaths**
  - .6 **Heroism Bravery Cowardis**
  - .7 **Life Dueling Suicide**  
See also 394.8 Dueling as a custom
  - .8 **Pride Covetousness Envy Anger Sloth Jelousy Hate and other vices**
  - .9 **Humility Liberality Gentleness Patience Diligence Charity Modesty, and other virtues**

**180 Ancient philosophers**

See also 921.9, Biography of ancient philosophy

**181 Oriental philosophers**

- .1 Chinese: Confucius, Mencius
- .2 Egyptian
- .3 Jewish: kabala; Philo, Maimonides
- .4 Indian: Gymnosophists
- .5 Persian Sufism
- .6 Chaldaean
- .7 Sabeism
- .8 Phoenician
- .9 Syrian

**182 Early Greek philosophers**

- .1 Ionic: Thales, Anaximander, Anaximenes  
Materialistic. Things are as they seem
- .2 Italic or Pythagorean Half idealistic
- .3 Eleatic: Xenophanes, Parmenides, Zeno, Melissus  
Idealistic. Existence denied. Thought is the only reality
- .4 Heraclitus
- .5 Empedocles
- .6 Atomistic
- .7 Democritus
- .8 Anaxagoras
- .9 Other early Greek

**183 Sophistic and Socratic philosophers**

- .1 Sophistic: Protagoras, Gorgias, Prodicus, Hippias
- .2 Socrates
- .3 Socratic
- .4 Cynic: Antisthenes, Diogenes, Crates, etc.
- .5 Cyrenaic: Aristippus, Hegesias, etc.
- .6 Megaric: Euclid, Eubulides, Diodorus, etc.
- .7 Elian and Eretrian: Phedo, Menedemus, etc.

**184 Platonic Older Academy**

- .1 Plato  
Class his works preferably in 888.4, but discussion of his philosophy here
- .2 Speusippus
- .3 Xenocrates

**185 Aristotelian Peripatetic Lyceum**

- .1 Aristotle  
Class his works preferably in 888.5, but discussion of his philosophy here
- .2 Theophrastus
- .3 Eudemus
- .4 Strato

- 186 **Pyrrhonist New Platonist**  
 .1 **Pyrrhonism Skepticism Pyrrho, Timon**  
 .2 **New Academy: Arcesilaus, Carneades, Plutarch**  
     See 838.8 Plutarch's works  
 .3 **Eclecticism: Cicero** See 875.4  
 .4 **Alexandrian, Neo-Platonic: Philo, Plotinus, Proclus,**  
     **Porphyry, Iamblichus** See 239.4 Apologetics; 273.1 Heresies

- 187 **Epicurean: Epicurus Lucretius** See also 871.1

188 **Stoic**

- .1 **Zeno**  
 .2 **Cleanthes**  
 .3 **Chrysippus**  
 .4 **Panaetius**  
 .5 **Posidonius**  
 .6 **Seneca** See 878.5; 872.6  
 .7 **Epictetus**  
 .8 **Marcus Aurelius**

189 **Early Christian and medieval filosofers**

- .1 **Gnosticism** See 273.1 Basilides, Marcion. See 273.2 Manichaeism  
 .2 **Patristic: Tertullian, Augustine, Clement, Origen**  
 .3 **Arabian: Avicenna, Averroes**  
 .4 **Scholastic: Scotus, Aquinas, Anselm, Abelard**  
 .5 **Mystic: Reuchlin, Cornelius Agrippa, Paracelsus, Servetus,**  
     **Böhme**

190 **Modern filosofers**

See also 921.1 to 921.8 Biograpy of filosofy, or lives may be put here with works, with references only under 920 Biograpy. Filosofic works are put here, not under the School or System to which the author may be thought to belong. See note under 140

191 **American filosofers**

These numbers may be left blank for future use or used for the well known names among American filosofic writers given below

- .1 **Jonathan Edwards** 1703-58  
 .2 **Orestes A Brownson** 1803-76  
 .3 **Ralph Waldo Emerson** 1803-82 See 814.36  
 .4 **Laurens P Hickock** 1798-1888  
 .5 **James McCosh** 1811-94  
 .6 **Noah Porter** 1811-92  
 .7 **Francis Bowen** 1811-90  
 .8 **William Torrey Harris** 1835-1909  
 .9 **Other American filosofic writers**

- 192 British philosophers
- |    |                                   |           |                           |
|----|-----------------------------------|-----------|---------------------------|
| .1 | Bacon                             | 1561-1626 | See 144 Empiricism        |
| .2 | Locke                             | 1632-1704 | See 145 Sensationalism    |
| .3 | Berkeley                          | 1685-1753 | See 141 Idealism          |
| .4 | Hume                              | 1711-76   | See 824.64 English essays |
| .5 | Reid                              | 1710-96   | See 143 Intuitionism      |
| .6 | Dugald Stewart                    | 1753-1828 |                           |
| .7 | John Stuart Mill                  | 1806-73   |                           |
| .8 | Spencer                           | 1820-1903 |                           |
| .9 | Other British philosophic writers |           |                           |
- 193 German philosophers
- |    |                                  |           |                             |
|----|----------------------------------|-----------|-----------------------------|
| .1 | Leibnitz                         | 1646-1716 |                             |
| .2 | Kant                             | 1724-1804 | See 142 Critical philosophy |
| .3 | Fichte                           | 1762-1814 | See 141 Idealism            |
| .4 | Schelling                        | 1775-1854 |                             |
| .5 | Hegel                            | 1770-1831 |                             |
| .6 | Schleiermacher                   | 1768-1834 |                             |
| .7 | Schopenhauer                     | 1788-1860 | See 149.6 Pessimism         |
| .8 | Lotze                            | 1817-82   |                             |
| .9 | Other German philosophic writers |           |                             |
- 194 French philosophers
- |    |                                  |           |                     |
|----|----------------------------------|-----------|---------------------|
| .1 | Descartes                        | 1596-1650 | See 144 Empiricism  |
| .2 | Malebranche                      | 1638-1715 |                     |
| .3 | Condillac                        | 1715-80   |                     |
| .4 | Rousseau                         | 1712-78   |                     |
| .5 | Diderot                          | 1713-84   |                     |
| .6 | Lamennais                        | 1782-1854 |                     |
| .7 | Cousin                           | 1792-1867 | See 148 Eclecticism |
| .8 | Comte                            | 1798-1857 | See 146 Positivism  |
| .9 | Other French philosophic writers |           |                     |
- 195 Italian philosophers
- 196 Spanish philosophers
- 197 Slavic philosophers
- 198 Scandinavian philosophers
- 199 Other modern philosophers

The heads of 180-199 are for discussions of the systems of these men and for their philosophic works not clearly belonging elsewhere, not for *all* their works. Mill's *Logic* is 160 not 192.7, but his *complete works* bound together are 192.7. Plato and Aristotle have individual numbers, 888.4 and .5, where their works are more useful than in 184-5 because of their classic prominence.



# Religion

## 200 Religion General works

- 201 Philosophy, theories, methods <sup>239.</sup>
- 202 Compendis, outlines, systems
- 203 Dictionaries, cyclopedias
- 204 Essays, lectures, disputations, addresses  
See also 252 Sermons
- 205 Periodicals, magazines, reviews
- 206 Societies: transactions, reports, etc.

General conferences. Societies whose work is largely done by paid officers, most members merely contributing money; e. g. Pan-evangelical alliance, Bible and tract societies. Put history, reports, etc. here, but their publications of course go with subject

- 207 Education: theologic seminaries, training schools  
Divided like 940-99.
- 208 Polygrafy: collected works, extracts, etc.  
Many collections go under a more specific hed; e. g. 240
- 209 History of religion  
General, including ecclesiastic antiquities, statistics, etc. See also 270 for Christian religion, and 274-279 for Christian antiquities of special countries

## 210 Natural theology

Concerns evidence in nature exclusiv of revelation, also Christian or skeptic discussion of specific topics (211-214, 216-218). For general defense of Christian theology, see 239 Apologetics, subdivided according to kind of criticism

## 211 Deism and atheism

Skepticism. Infidelity. Rationalism, etc.

Atheism denies existence of God. Deism accepts existence, but denies revelation and rejects Christianity. Theism believes in a god supernaturally revealed, e. g. Judaism, Mohammedanism, Buddhism, etc. Arguments from nature in support of any of these views go here

See also 231 Christian theism; 239 Apologetics; 273.8 Agnostic heresy; 149.7 Agnosticism

## 212 Pantheism Theosofy See 147 Pantheism; 129.5 Origin of sôu

## 213 Creation See 113 Cosmology Evolution See 575 Science

From religious viewpoint; attempts to harmonize *Genesis* and geology. See also metaphysics, 113 Cosmology; and natural science, 575 Evolution

## 214 Providence See 231.5 Doctrins Theodicy See 231.8 for Christian view

DECIMAL CLASSIFICATION

- 215 Religion and science See 239.8 Apologetics  
Antagonism or reconciliation between science and Bible religion. Arguments of scientists against scientists. Bridgewater treatises. For creation, see 213
- 216 Evil Depravity See 149.6 Pessimism; 233.2 Sin
- 217 Prayer Prayer gage See 264.1 Prayer; 248 Personal religion  
Tests of efficacy of prayer
- 218 Future life Immortality Eternity  
See 237 Future state; 128 The soul
- 219 Analogies Correspondences See also 169 Logic
- 220 Bible General works *Study*  
For similar works limited to Old or New Testament, or individual books, see specific head below
- .1 Canon Inspiration Authorship Prophecy
- .2 Concordances Analyses
- .3 Dictionaries Cyclopedias
- .4 Original texts and early versions Codices  
Heads for old and new testaments are given, as they are also used for 221 and 225
- .42 Chaldee
- .43 Syriac
- .44 Hebrew
- .45 Samaritan
- .46 Other Semitic: Ethiopic, Arabic, etc.
- .47 Latin, Itala, Vulgate
- .48 Greek, Septuagint Aquila, Symmachus, Theodotion  
Hexapla
- .49 Other early versions: Armenian, Coptic, Gothic, etc.  
220.4 and 220.5 are pure texts. A Hebrew bible with commentary goes in 220.7 with reference from 220.44
- .5 Versions of Bible Polyglots Divide by languages, like 400  
These are translations from the original Hebrew and Greek. Translations from other early texts go with them in 220.4; e. g. an English translation of the Syriac goes in 220.43
- .6 Hermeneutics Exegesis Symbolism Typology
- .7 Commentaries on whole Bible, and annotated editions  
For notes, etc. on portions of the Bible, see the most specific head in 221-229
- .8 Special topics  
Divided like general Classification; e. g. natural science of the Bible in 220.85
- .9 Biblical geography and history
- .91 Biblical geography, description, etc.  
See 915.69, 913.33 Palestine
- .92 Scriptural biography  
See also 922.1; 232.9 Lives of Christ
- .93 Antiquities, archeology  
See also 296 Jewish religion; 933 History of Jews
- .94 Chronology
- .95 History  
See 933 Jews

## 221 Old testament: texts, introductions, etc.

Divided like 220; e. g. 221.7. Commentaries on Old Testament

## 222 Historical books

- .1 Pentateuch
- .11 Genesis
- .12 Exodus
- .13 Leviticus
- .14 Numbers
- .15 Deuteronomy
- .16 Decalog
- .2 Joshua
- .3 Judges and Ruth
- .4 Samuel
- .5 Kings
- .6 Chronicles
- .7 Ezra
- .8 Nehemiah
- .9 Esther

## 223 Poetic books

- .1 Job
- .2 Psalms
- .3 Authorship and chronology
- .4 Special groups
  - Messianic; Greater Hallel; Lesser Hallel; Vesper psalms; Penitential, 6, 32, 38, 51, 102, 130, 143; Hebraic five books, Psalms 1-41; 42-72; 73-89; 90-106; 107-150
- .5 Liturgic use by Christians    Metrical versions
  - See 264.038 Anglican psalter; 245 Hymnology.
- .6 Commentaries on psalms
- .7 Proverbs
- .8 Ecclesiastes
- .9 Song of Solomon, or Canticles

## 224 Prophetic books

- .1 Isaiah
- .2 Jeremiah
- .3 Lamentations
- .4 Ezekiel
- .5 Daniel
- .6 Hosea
- .7 Joel
- .8 Amos

- 224.9 Other minor prophets
- .91 Obadiah
  - .92 Jonah
  - .93 Micah
  - .94 Nahum
  - .95 Habakkuk
  - .96 Zephaniah
  - .97 Haggai
  - .98 Zechariah
  - .99 Malachi
- 225 New Testament: texts, introductions, etc.  
Divided like 220
- 226 Gospels and Acts
- .1 Harmonies
  - .2 Matthew
  - .3 Mark
  - .4 Luke
  - .5 John
  - .6 Acts of the apostles
  - .7 Miracles
  - .8 Parables
  - .9 Lord's prayer
- 227 Epistles
- .1 Romans
  - .2 Corinthians 1
  - .3 Corinthians 2
  - .4 Galatians
  - .5 Ephesians
  - .6 Philippians
  - .7 Colossians
  - .8 Other Pauline epistles
    - .81 Thessalonians 1
    - .82 Thessalonians 2
    - .83 Timothy 1
    - .84 Timothy 2
    - .85 Titus
    - .86 Philemon
    - .87 Hebrews
  - .9 Catholic epistles
    - .91 James
    - .92 Peter 1
    - .93 Peter 2
    - .94 John 1
    - .95 John 2
    - .96 John 3
    - .97 Jude

228 Apocalypse

229 Apocrypha

- .1 Esdras 1, 2
- .2 Tobit, Judith, Esther
- .3 Wisdom
- .4 Ecclesiasticus
- .5 Baruch, Epistle of Jeremy, Song of the three children
- .6 Story of Susanna, History of Bel and the dragon, Prayer of Manasses
- .7 Maccabees 1, 2, 3, 4
- .8 Pseudo gospels
- .9 Apostolic epistles and canons      Clementines      See 281.1

230 **Doctrinal Dogmatics Theology**

General doctrinal works may be subdivided by churches like 280-289. See also 252.3

231 God Unity Trinity

- .1 God the Father, Creator
- .2 God the Son, Redeemer  
Second person of the Trinity, irrespective of his appearance on earth as the historic Christ
- .3 God the Holy Ghost, Giver of Life, Sanctifier
- .4 Divine attributes: omniscience, omnipresence, omnipotence
- .5 Divine providence      See also Natural theology 214
- .6 Divine love and wisdom
- .7 Divine law and miracles
- .8 Theodicy  
Vindication of God's justis in permitting evil. See also Natural theology, 214

232 Christology

- .1 Incarnation      Messiah
- .2 Logos, the Word of God
- .3 Atonement
- .4 Sacrifice
- .5 Resurrection
- .6 Second coming      See also 289.3 Second adventists
- .7 Judgment
- .8 Divine humanity  
Divinity of the man Jesus, pro and con
- .9 Lives of Christ

233 Man

- .1 The fall
- .2 Sin
- .3 Moral and spiritual heredity  
See also Biology, 575.1; Psychology, 136.3; Metaphysics, 129.2
- .4 Accountability
- .5 Natural and spiritual body
- .6 Personality      See also Metaphysics, 126
- .7 Freedom      See also 234.9; 123; 159
- .8
- .9

DECIMAL CLASSIFICATION

- 234 Salvation Soteriology
- .1 Grace
  - .2 Faith
  - .3 Redemption
  - .4 Regeneration
  - .5 Repentance
  - .6 Obedience
  - .7 Justification
  - .8 Sanctification
  - .9 Predestination and freewill See also 233.7; 123; 159
- 235 Angels Devils Satan
- 236 Eschatology Last things *Prophecy - see 231.7*
- .1 Deth
  - .2
  - .3 Millennium
  - .4 Intermediate state Sheol Hades
  - .5 Purgatory
  - .6 Paradise Limbus patrum
  - .7 Limbo Limbus infantum
  - .8 Resurrection
  - .9 Judgment See also Christology, 232.7
- 237 Future state See also Natural theology, 218
- .1 Eternity
  - .2 Immortality
  - .3 Conditional immortality
  - .4 Heven
  - .5 Hell Gehenna
  - .6 Retribution Future punishment
  - .7 Eternal punishment See also 289.1 Universalists
- 238 Creeds Confessions Covenants Catechisms
- Divided more closely if wisht like 280-289; e. g. 238.19 Greek church
- .1 Apostles, Nicene, and Athanasian creeds
  - .2 Creed of Pius 4 (Trent) and later Roman
  - .3 Anglican 39 articles, A. D. 1551 See also 264.037 Liturgy
  - .4 Continental protestant Lutheran Calvinist Dort
  - .5 Westminster Saybrook Cong'l Cambridge Savoy
  - .6-9 Of other sects Divided like 286-289

239 **Apologetics Evidences of Christianity**

If preferred, courses of apologetic lectures may be kept together; e. g. 239.01 Bampton; .02 Boyle; .03 Hulsean; .04 Bohlen; .05 Paddock; .08 Miscellaneous. More usefully each book is classed under the most specific head that will contain it  
See also natural theology 211-218 and doctrines 231-237 for discussion of separate topics

- .1 **Apostolic age**
- .2 **Against the Jews**
- .3 **Against the heathen**
- .4 **Against the Neo-Platonists** See 273.1 Gnostic heresy
- .5 **Against the English and Scotch deists** See 211 Deism
- .6 **Against the French encyclopedists**
- .7 **Against the rationalists**  
See 211 Natural theology; 273.8 Agnostic heresy; 149.7 Agnosticism
- .8 **Against the scientists** For nonchristian view, see 215
- .9 **Other special denials**
- 240 **Devotional Practical**
- 241 **Didactic**  
Specifying the Christian's duty to do and to avoid For Catechisms see 238
- 242 **Meditative, contemplative**  
Consolatory. See also 248 Personal religion
- .1 **Thomas à Kempis**
- 243 **Hortatory, evangelistic**  
Urging sinners to Christian repentance
- 244 **Miscellany: religious novels, Sunday school books, allegories, satires, etc.**  
But class Bunyan in 823.42 because of his literary prominence
- 245 **Hymnology Religious poetry**  
Hymns without music. For hymns with music see 783.9  
Divided by languages, like 800, and then by churches, like 280, if denomination is clearly marked  
See also 223.5 Psalms; 264.038 Psalter
- 246 **Ecclesiology Symbolism Religious art**  
246-7 cover religious bearings. For art side see 700
- .1 **Byzantine and Gothic ecclesiology**  
See 723 Medieval architecture; 726 Religious architecture
- .2 **Primitive church and heathen art**
- .3 **Images in churches Iconoclasts**
- .4 **Protestantism and religious art**
- .5 **Emblematic and cryptographic art: catacomb symbols**
- .6 **Liturgical symbolism: altar, colors, lights**  
See also 264 Public worship
- .7 **Evangelistic use of music and art, pictorial and plastic: Della Robbia**
- .8 **Eucharistic music: Ambrose, Gregory the Great Later development** See also 783 Sacred music; 264.2 Public worship
- .9

- 247 Sacred furniture Vestments Vessels Ornaments, etc.
- .1 Font Baptistry Lectern Pulpit
  - .2 Tabernacle Rood screen Reredos
  - .3 Sculpture and mortuary design  
See also 718 Monuments; 726.8 Mortuary buildings; 730 Sculpture
  - .4 Illumination Mosaics Enamels Stained glass  
See also 745 Ornamental design; 748 Stained glass
  - .5 Fresco and religious painting See also 750 Painting
  - .6 Pallium Miter Crozier Ring
  - .7 Vestments and altar cloths
  - .8 Eucharistic vessels See also 265.3 Sacraments
  - .9 Ornaments, etc: crucifix, banners, thurible, incense
- 248 Personal religion Asceticism  
See also 273.2 Ascetic heresy
- 249 Family devotions See 264 Public worship
- 250 **Homiletic Pastoral Parochial**
- 251 Homiletics Preaching See 264.6 Public worship  
Divided like 252, for matter *about* special kinds of sermons
- 252 Sermons  
Collected sermons on various topics under 252 are divided with .0 by churches and sects, like 280. Sermons on specific topics are more useful, like other pamphlets, clast with the topics, e. g. a sermon on family devotions is 249, not 252.4; on strikes, is 331.89. The 9 heds below are for collections and cross references, but may be used for separate sermons if the classifier prefers
- .1 Episcopal charges Pastorals
  - .2 Controversial Polemic
  - .3 Doctrinal Dogmatic See also 230 Dogmatics
  - .4 Practical Devotional
  - .5 Academic Educational See also 378.7 Baccalaureates
  - .6 Political Public occasions and duties  
Thanksgiving and Fast day
  - .7 Consecration Ordination Installation  
See also 265.4 Ordination; 265.9 Consecration; 262.16 Orders
  - .8 Expository
  - .9 Memorial Obituary Biographic Historical  
Memorial of a special church goes with that church in 280. See also 920 Biography
- 253 Pastoral visitations, evangelistic
- 254 Cleric support Celibacy  
See also 176.2 Sexual ethics; 248 Asceticism; 613.89 Hygiene
- 255 Brotherhoods Sisterhoods  
In the parish. For Monastic orders, see 271
- 256 Societies for parish work: guilds, sodalities  
Local societies. Discussion of desirability of such work. For general societies see 206 and 267
- 257 Parochial schools Libraries, etc.  
See also 377.5 Education; 027.8 Parish libraries
- 258 Parish care of sick, fallen, etc.  
See 265.8 Ministry of sick; 176.5 Social evil
- 259 Other ministrations and work



260 **Church Institutions and work**261 **The church**

Its influence on morals, civilization, etc. Relation to social questions, laboring classes, etc.

.1  
.2  
.3  
.4  
.5  
.6  
.7  
.8  
.9

**Church vs barbarism**

**Church and morals**

**Church and intellectual development** See also 377.8 Education

**Church and civilization**

**Church and civil government**

See 172.3 State ethics; 322 Church and state

**National churches vs organic unity**

262 **Ecclesiastic polity**

.1  
.11  
.12  
.13  
.14  
.15  
.16  
.17  
.18  
.19  
.2  
.3  
.4  
.5  
.6  
.7  
.8  
.9

**Ministry**

Apostolic succession

Episcopate

Papacy Primacy Papal supremacy; infallibility, 18 July 1870

Priest Presbyter Minister Lay ministry

Deacon Deaconess Evangelist

Orders Ordination See 265.4 Sacraments; 252.7 Sermons

Episcopal

Presbyterian

Congregational

**Parish Congregation** See 250 for Parochial work

See **Diocese Cathedral system**

**Council Synod Presbytery Congregation Convention**

Polity only, here. Proceedings go with churches, 281-9

**General or ecumenic council** See also 270.2

Canons Decrees

**Traditions**

**Authority Church and ministerial Private judgment**

**Disciplin Courts Trials** For Canon law see 348

263 **Sabbath Lord's day Sunday**

.1  
.2  
.3  
.4  
.5  
.6  
.7  
.8  
.9

**Hebraic sabbath**

**Modern sabbath Seventh day**

**Lord's day Christian Sunday**

**Sunday observance**

Work

Amusement

Opening libraries and museums

See also 024.4 Library rules

**Sunday laws**

## 264 Public worship Divine servis Ritual

Prayer books. See also 246, Ecclesiology; 247 Sacred furniture. General works are divided with .0 by churches like 280; e. g. Roman catholic prayer book 264.02 Under various churches the services may be further divided, as e. g.

- .03 Anglican and American P. E. ritual
- .031 Calendar Festivals and fasts See also 529.6 Chronology
- .032 Lectionary and rubrics
- .033 Morning prayer Litany
- .034 Evening prayer Vespers Compline
- .035 Sacraments, ordinances, and servises See also 265 Sacraments
- .036 Collects, epistles and gospels
- .037 Ordinal Articles Creeds See also 238.3 Creeds, doctrins
- .038 Psalter and other See 223.5 Psalms; 245 Hymnology
- .039 History of successiv prayerbooks
- .1 Prayer Extempore Liturgic
  - See also 248-249 Private and family prayer
- .2 Music Singing Instrumental Praise meeting
  - See also 783 Sacred music; 246.7, 246.8 Ecclesiology
- .3 Scripture readings
- .4 Antiphonal or responsiv readings
- .5 Confessions of faith Creeds See also 238 Creeds
- .6 Sermons Exhortations Instructions
  - See also 251 and 252 Preaching and sermons
- .7 Prayer and conference meetings
- .8 Class and covenant meetings Love feasts
- .9 Sacramentals See also 265 Sacraments

## 265 Sacraments Ordinances

- .1 Baptism
- .2 Confirmation Church fellowship
- .3 Eucharist Holy communion Sacrifice
- .4 Holy orders Ordination See also 262.16 Ministry; 252.7 Sermons
- .5 Marriage See also 173 Ethics of the family
- .6 Penance Confession Absolution
- .7 Extreme unction Viaticum
- .8 Ministry of sick and ded: faith cure, healing, burial
- .9 Consecration Dedication See 262.16 Ordination; 252.7 Sermons

## 266 Missions: home and foren

Subdivided by churches, like 280. See also 377.6 Missionary schools  
Missions in special countries or places, including those of all churches, go under the geografically divided Religious history, 274-279, with references under 266

## 267 Associations

General societies demanding of members activ personal work. For local societies, see 256. For Bible, tract, and similar general societies see 206

- .1 Religious societies of both men and women
  - .11 U. S. Christian commission
  - .15 Salvation army

RELIGION

267.2

**Religious societies of men**

For Y. M. C. A. see 267.3; missionary societies, 266; ministerial education societies 207; Bible societies, 206

- .21 17th century or earlier } May be divided by countries like 940-99
- .22 18th century }
- .23 19th century; interdenominational and undenominational
- .23 I In educational institutions  
Divided like 940-99. If preferd, cancel .23 I and put all together in .234-9.  
For work of Y. M. C. A. see 267.361
- .232 Nasmith societies
- .233 Young men's Christian unions; i. e. not "evangelical,"  
etc.
- .234-.239 Others Divided like 940-99
- .24 19th century; denominational
- .24 I In educational institutions  
Divided like 282-289. If preferd, cancel .24 I and put all together in .242-9. For work of Y. M. C. A. see 267.361
- .242-.249 Others Divided like 282-289

**.3 Young Men's Christian associations**

Activ membership confined to members of "evangelical" churches  
To shorten the number, X may be used for 267.3 thruout; i. e. X 19 would mean "Work in small towns"

- .3 I **Objects, field and extension**
- .3 I I Need and objects
- .3 I 2 Limits: for and by young men and distinctively religious
- .3 I 3 Relation to the church
- .3 I 4 International work
- .3 I 5 National work
- .3 I 6 State work
- .3 I 7 District work
- .3 I 8 Work in towns able to support a general secretary
- .3 I 9 Work in small towns
- .3 2 **Bildings** See also library bildings 022
- .3 2 1 Location Provision for growth
- .3 2 2 Materials and protection against fire
- .3 2 3 Plans Number, size and arrangement of rooms
- .3 2 4 Reception, social rooms and parlors
- .3 2 5 Library Reading, lecture, and class rooms See 022
- .3 2 6 Administration and special rooms Boys' rooms
- .3 2 7 Physical culture rooms
- .3 2 8 Lighting, heating, and ventilation
- .3 2 9 Fixtures, furniture, and fittings
- .3 3 **Organization**
- .3 3 1 Incorporation Constitution and bylaws
- .3 3 2 Branches and suborganizations Including women's work for young men
- .3 3 3 Managers Officers serving without pay
- I Trustees (in charge of real estate)
- 2 Directors
- 3 President
- 4 Treasurer
- 5 Recording secretary
- 6 Executiv or corresponding secretary
- .3 3 4 **Standing committees**
- I Importance; enlistment and composition
- 2 Principles and methods of organization
- 3 Names and duties See also Department work, 267.35

Methods only.  
For history, reports  
and periodicals see  
267.39; for secre-  
taries see 267.341

DECIMAL CLASSIFICATION

- 267-335 Membership
  - 1 Membership committee
  - 2 Classes of membership
  - 3 Securing and retaining members
  - 4 Development of activ members
  - 5 Associate membership and its relations
    - For members' meeting see Social work, 267.3544
- .34 Salaried officers: duties, qualifications, training
  - .34I General secretary and assistants
    - Including international and state secretaries. See also 267.314-316
    - 1 Offis and work
    - 2 Qualifications
    - 3 Relationship
      - 3I To churches and pastors
      - 32 To officers, directors, and committees
      - 33 To other employees
      - 34 To the members
      - 35 To the religious work
      - 36 To the business community
      - 37 To fellow secretaries
    - 4 Personal hints
      - 4I Considering a call and beginning work
      - 42 Spiritual and intellectual growth and helth
      - 43 Offis work, system, and economy
      - 44 Personal appearance and conversation
      - 45 Ladies' company
      - 46 " Secretarialism "
  - .342 Librarian and assistants
    - May be divided like 267.34I. See also Library administration, 025 and 267.3532
  - .343 Physical director and assistants
    - May be divided like 267.34I. See also 267.355 and 613.7
  - .344 Other salaried officers
  - .345 Training; need and methods, demand and supply
  - .346 Training schools
  - .347 Training by apprenticeship
  - .348 Institutes } Methods only; for reports see 267.39
  - .349 Conferences }
  - .35 Local work by departments
    - .35I Business department
      - 1 Finance committee
      - 2 Annual budget
      - 3 Endowments and other sources of income
      - 4 Solicitation, collection and disbursement
      - 5 Financial bookkeeping
      - 6 Debt, taxes, etc.
      - 7 Records and statistics
      - 8 Advertizing, including anniversaries and parlor conferences
      - 9 Printed matter Including bulletin, prospectus, etc.
    - .352 Religious department
      - 1 Committees
      - 2 Individual Bible study Methods and helps
      - 3 Bible classes
      - 4 Training classes Personal work
      - 5 Bible readings Song servises
      - 6 Evangelistic meetings
      - 7 Social religious meetings
      - 8 Other meetings in the rooms
      - 9 Work outside the rooms
        - In public institutions, sermons to young men, distribution of religious papers, invitations, etc.

RELIGION

- 267.353 Educational department  
 1 Committees  
 2 Library See 267.342 and 025  
 3 Reading room  
 4 Classes  
 5 Lectures and talks  
 6 Literary societies
- .354 Social department  
 1 Committees  
 2 Reception committee  
 3 Social rooms and fittings See 267.32  
 4 Receptions Socials Entertainments  
 5 Music  
 6 Amusements Including games of skill See also 794
- .355 Physical department  
 1 Committees  
 2 Aim and benefit of department  
 For Physical director see 267.343; Equipment, methods, etc., 613.7
- .356 Information, relief, etc. department  
 1 Boarding house bureaus  
 2 Employment bureau  
 3 Savings bureau  
 4 Visitation of sick  
 5 Destitute young men
- .357 Boys department  
 1 Committees  
 2 Religious work  
 3 Educational work  
 4 Social work  
 5 Physical work  
 6 Information, relief, etc.
- .358
- .359 Janitor's department: bilding; care, cleaning, safety Police
- .35 **Work among special classes**  
 Y. M. C. A. only; other religious societies of men go in 267.2
- .361 College and school  
 1 History and methods in general  
 2 International reports Including Northfield meetings  
 3 International periodicals  
 For state and sectional reports and periodicals see 267.39
- .362 Railroad employees  
 1 History and methods in general  
 2 International reports
- .363 Commercial travelers
- .364 Foren-speaking  
 Divided like 400; e. g. 3 German, 4 French, 5 Italian, etc.
- .365 Negroes
- .366 American Indians
- .367 Soldiers U. S. Christian commission, 267.11
- .368 Sailors
- .369 Other Policemen, firemen, fishermen, lumbermen, mutes, etc.
- .37
- .38

DECIMAL CLASSIFICATION

- 267.39 **History, reports, periodicals, etc.** For methods see 267.314-319
- .391 International history
- .392 International reports, etc. } Reports, etc. of international college and  
     1 Reports } railroad work go in 267.361-.362
- .393 International periodicals International college periodicals, 267.3613
- .394-.399 Special countries Divided like 940-999
- .4 **Religious societies of women**
- .41
- .42
- .43 19th century; interdenominational and undenominational
- .431
- .432 **Women's Christian associations**  
     Divided like 267.3. To shorten the number, W may be used for 267.432  
     thruout; e. g. W 1 would mean ' Objects, field and extension '
- .433 **King's daughters**
- .44 19th century; denominational Divided like 282-289
- .5 **Young Women's Christian Associations**  
     Activ membership confined to members of 'evangelical' churches  
     Divided like 267.3-399  
     To shorten the number Y may be used for 267.5; e. g. Y3, Organization, instead  
     of 267.53
- .6 **Religious societies of young people** For Sunday schools see 268
- .61 Interdenominational and undenominational
- .611
- .612
- .613 **Young people's society of Christian endeavor**
- .613 1 Reports, etc.
- .613 2 Periodicals
- .62 Denominational Divided like 282-289
- .7 **Religious societies of boys** Not Y. M. C. A. Divided like 267.6
- .8 **Religious societies of girls** Not Y. W. C. A. Divided like 267.6
- .9
- 268 Sunday schools
- 269 Revivals Retreats Parish missions

270 **Religious history***Ancient period: to conversion of Germans*

See 281.1-281.4, for collected works of early theologic writers, etc. 270 is for religious history of these *periods*

For religious history of special countries, either general or for special periods, see country divisions, 274-279; e. g. English reformation, 274.2

- .1 **Apostolic Nativity to Constantine**
- .2 **Period of ecumenic councils Centralization A. D. 325-787**  
 The Greek church acknowledges these 7 councils as really Ecumenic. Anglicans generally recognize only the first 6. See also 262.5 Polity
- .21 First of Nice A. D. 325
- .22 First of Constantinople 381
- .23 First of Ephesus 431
- .24 Chalcedon 451
- .25 Second of Constantinople 553
- .26 Third of Constantinople 680-81
- .27 Second of Nice 787

*Medieval period: Charlemagne to Luther*

- 270.3 **Charlemagne Papacy vs empire A. D. 787-1054**  
 Church planted among the Germans. Feudalism. Great schism, east vs west, 1054
- .4 **Hildebrand Roman supremacy A. D. 1054-1200**  
 Temporal power. Scholasticism. First 3 crusades
- .5 **Later medieval Renaissance A. D. 1200-1517**  
 Innocent 3. Papal schism. Avignon. Nominalism vs realism. Greek church under Moslems. Education. Arts. Inventions. Pre-reformation

*Modern period: Reformation to present*

- .6 **Reformation Counter reformation A. D. 1517-1648**  
 Council of Trent, A. D. 1545-63. Diet of Augsburg. Luther. Melancthon. Calvin. Knox. Religious wars. Jesuit missions in east. See also reformation in England, etc. 274.2
- .7 **Peace of Westphalia to French revolution A. D. 1648-1789**  
 Union of church and state. Deism. Materialism
- .8 **Modern Rationalistic A. D. 1789-**  
 Holy alliance. Greek church in Russia. Atheism. Pantheism. Protestant missions

## 271 Monastic orders Monasteries

Including monasticism and monastic foundations

See also 255 Brotherhoods; 726.7 Architecture of monasteries, etc.

- |      |                                  |                               |               |      |
|------|----------------------------------|-------------------------------|---------------|------|
| .1   | <b>Benedictines</b>              | founded A. D.                 | 529           |      |
| .2   | <b>Dominicans</b>                | " "                           | 1170          |      |
| .3   | <b>Franciscans</b>               | " "                           | 1182          |      |
| .4   | <b>Augustinians</b>              | " "                           | 1256          |      |
| .5   | <b>Jesuits</b>                   | " "                           | 1540          |      |
| .6   | <b>Passionists, 1720</b>         | <b>Redemptorists, 1732</b>    |               |      |
| .7   | <b>Lesser Roman orders</b>       |                               |               |      |
| .71  | Carthusians                      | founded A. D.                 | 1086          |      |
| .72  | Cistercians                      | " "                           | 1098          |      |
| .73  | Carmelites                       | 12th century                  |               |      |
| .74  | Trappists, 1150                  | Capuchins, 1525               |               |      |
| .75  | Sulpicians, 1642                 |                               |               |      |
| .76  | Oblates                          |                               |               |      |
| .77  | Lazarists, 1624                  |                               |               |      |
| .78  | Christian Brothers, 18th century | De la Salle                   |               |      |
| .79  | Other lesser Roman orders        |                               |               |      |
| .8   | <b>Anglican brotherhoods</b>     |                               |               |      |
| .9   | <b>Sisterhoods</b>               |                               |               |      |
| .91  | Sisters of Charity               | Vincent de Paul founded A. D. | 1629          |      |
| .92  | Sisters of Mercy                 | Augustinian                   | " "           | 1831 |
| .93  | Ladies of the Sacred Heart       | Jesuit                        | " "           | 1800 |
| .94  | Sœurs de bon Secours             | Nurses                        |               |      |
| .95  | Little Sisters of the Poor       |                               |               |      |
| .96  | Contemplativ                     | Cloisterd nuns                |               |      |
| .97  | Other Roman sisterhoods          |                               |               |      |
| .971 | Carmelites                       |                               |               |      |
| .972 | Second of St Dominic             |                               |               |      |
| .973 | Franciscans                      |                               |               |      |
| .974 | Ursulines                        | A. D.                         | 1537          |      |
| .975 | Of the Visitation                | "                             | 1610          |      |
| .976 | Of St Joseph                     | "                             | 1650          |      |
| .977 | Of the Presentation              | "                             | 1777          |      |
| .98  | Anglican sisterhoods             |                               |               |      |
| .99  | Other protestant orders          | Deaconesses                   | (Kaiserwerth) |      |



## 272 Persecutions

See also special sects, 280; and history of special countries, 940-999

- .1 **Apostolic church by imperial Rome** 1st-4th century
- .2 **Heretics by Inquisition or Holy Office** Since 1470
- .3 **Waldenses and Albigenses** 11th-12th century  
By Roman church. See also 283.4, Protestant sects
- .4 **Huguenots** French protestants  
By Roman church. St Bartholomew, 1572. Edict of Nantes, 1598; revocation, 1685  
See also 284.5 Protestant sects
- .5 **Molinists and Quietists**  
By Roman catholics. Close of 16th century to destruction of Port Royal, A. D. 1709. See also 273.7 Heresies
- .6 **Marian Anglican reformers by Mary** A. D. 1553-58
- .7 **Elizabethan** Later 16th century  
Persecution of Roman church by Anglicans
- .8 **Quakers Baptists Witches** Later 17th century  
Persecutions by puritans. See also 133.4 Witchcraft
- .9 **Other persecutions**

## 273 Heresies

For the history of special doctrines see 230-239, Doctrinal theology

- .1 **Gnostic** First 3 centuries  
Reaction of pantheism and heathen philosophy on Christianity. See also 189.1 Gnostic philosophy; 186.4 Neo-Platonism; 239.4 Apologetics
- .2 **Manichæism** Parsee dualism 3d century  
Opposition of good and evil. Mystic. Ascetic. See also 149.3 Mysticism; 248 Asceticism; 289.8 Shakers, Mystics
- .3 **Sabellian**  
That the Trinity is not of persons, but of successive manifestations. About 250 A. D. Held by Schleiermacher, Bushnell, Swedenborg
- .4 **Arian** Denying divinity of Christ 4th century
- .5 **Pelagian** 5th century  
Denying original sin and supernatural grace
- .6 **Antinomian** 16th century  
Denying force of law, under Gospel dispensation
- .7 **Molinist and Jansenist Pietists** A. D. 1580-1700  
Port Royal. Augustine's doctrine of grace vs the Roman doctrine of good works
- .8 **Agnostic**  
Denying possibility of revelation. Holding that theology and the supernatural lie outside the domain of human knowledge. See also 149.7 Philosophy; 211.1 Atheism; 239 Apologetics
- .9 **Minor heresies**

## 274-279 General religious history by countries

274-279 is divided geographically like 940-999

**280 Christian churches and sects**

281-280.8 may be subdivided where needed like 940-999

**281 Primitiv and Oriental churches**

See also 270.1-270.3, Early religious history

**.1 Apostolic church, to time of great schism, A. D. 1054**

Works of apostolic and Christian fathers here; use 270 for religious history of these periods. See also 229.9 Apocryphal books

**.2 Primitiv apostolic, to end of first century****.3 Ante-Nicene, A. D. 100-325** See also 270.1**.4 Post-Nicene, A. D. 325-1054** See also 270.2-3**.5 Oriental churches****.6 Armenian****.7 Coptic****.8 Nestorian****.9 Eastern or Greco-Russian or Holy orthodox church**

The great schism, mutual excommunication, A. D. 1054, separates the Catholic church into Eastern and Western churches, which from this time have separate histories

**282 Western or Roman catholic church**

Divided geografically like 940-999

**283 Anglican and American P. E. church**

Divided geografically, when needed, like 940-999; e. g. the Anglican church in Australia is 283.94; in India, 283.54

**284 Continental protestant sects Protestantism****.1 Lutheran Reformd** See also 285.7, Reformd church in America

German reformd church in United States

**.2 Calvinist Zwinglian** See 285, and 286.1**.3 Hussites Anabaptists Leyden** See 286.1**.4 Albigenses Waldenses Vaudois** See 272.3**.5 Huguenots** See 272.4**.6 Moravian****.7 Scandinavian Swedish****.8 Old catholic**

Here are classt those denying papal infallibility, or for other cause cut off from Rome, tho catholic in other respects

**.9 Other****285 Presbyterian Reformd Congregational**

Next 2 subdivisions are sectarian, not geografic

**.1 Presbyterian church in America**

Subdivided geografically; e. g. 285.173 Presbyterian church in United States, 285.175 Southern presbyterian church

**.2 Presbyterian church in Great Britain****.3 Cumberland presbyterian****.4 United presbyterian****.5 Reformd presbyterian****.6 Minor presbyterian sects****.7 Reformd (Dutch) church in America** e. g. 285.77471, in N. Y. city**.8 Congregational****.9 Puritanism**

286 Baptist  
 .1 Calvinistic .2 Free will .3 Seventh day

287 Methodist  
 .1 Wesleyan methodist  
 .2 Calvinistic methodist  
 .3 Welsh Calvinistic methodist  
 .4 Primitiv methodist  
 .5 Primitiv Wesleyan  
 .6 Methodist episcopal  
 .7 Protestant methodist  
 .8 African methodist  
 .9 Minor methodist sects

288 Unitarian See also 273.4

289 Minor Christian sects  
 .1 Universalist  
 .2 Campbellite or Christian Disciples  
 .3 Adventist See also 232.6 Second coming of Christ  
 .4 New church or Swedenborgian  
 .5 Catholic apostolic  
 .6 Quaker Friends Hicksites  
 .7 Mennonite  
 .8 Shaker Mystic For Mystic heresy see 273.2  
 .9 Other minor Christian sects

## 290 Ethnic and other religions

Including comparativ religion and general histories of religion where an equal or minor place is given to Christianity

291 Comparativ and general mythology

292 Greek and Roman mythology

293 Teutonic and Northern mythology

294 Brahmanism Buddhism

For other Indic religions, see 299.11. See also 891.2 Sanskrit literature; 177.5 Caste

295 Parseism Zend Avesta

For other Iranic religions, see 299.15. See also 891.52 Zend literature

296 Judaism For other Semitic religions. see 299.2

297 Mohammedanism

298 Mormonism See also 173.2 Polygamy

299 Minor nonchristian religions

Subdivided ethnically like 491-499; e. g. Egyptian religion, 299.31; Afghani religion, 299.158

# Sociology

## 300 Sociology in general

301-309 all have Sociology in general as their subject, but it is treated in these various forms. A periodical on Education is 370.5, not 305, which is only for periodicals on Sociology in general. In Sociology, most works in these forms are limited to one division; e. g. to Political economy, Education, Law, etc. All these have the same subdivision of General works; i. e. essays on the various divisions are 310.4, 320.4, 330.4, and so on to essays on Manners and Customs in general, 390.4. A naught in any class number shows the subject to be general, not specific

### 301 Philosophy, theories

See also 901 Philosophy of history; 320.1 Theory of state

### 302 Compendis, outlines

### 303 Dictionaries, cyclopedias, etc.

### 304 Essays, lectures, addresses

### 305 Periodicals, magazines, reviews

### 306 Societies: transactions, reports

### 307 Education: teaching, study, etc. See also 370

### 308 Polygraphy: collected works, extracts, etc.

Put here collected works of statesmen; e. g. works of Adams, Jefferson, etc.

### 309 History of social science

#### .1 Social surveys

Divided like 940-999 Better class by general libraries in 914-919

## 310 Statistics

### 311 Theory, methods Science of statistics

Principles of tabulation, graphic charts, etc. Methods of gathering data

### 312 Population (progress of) Vital statistics: births, deaths, mortality, longevity

See also 614.1 Registration and vital statistics

Statistics are divided geographically like 930-999; e. g. Population of Maine 312.741

### 313 Special topics

### 314-319 General statistics Divided geographically like 940-999

The statistics of any special matter are put with the subject, e. g. of Domestic animals in 630, of Shorthand in 653, of French novels in 843, of Theaters in 792, etc. Statistics too general to be included in any topic are divided by countries. Statistics of New York city would be 317.471, but the statistics of Medicin in New York would be put with 610, Medicin; i. e. the topic outranks the locality

## 320 Political science

- 320.1 Theory
- .11 Origin of the state
  - .12 Nation and territory
  - .121 Ethnographic
    - People of same race comprise the nation
  - .124 Geographic
    - Unity of territory
  - .126 Expansion Acquisition of territory
    - 1 By discovery
    - 3 " occupation and possession
    - 5 " cession Annexation
    - 7 " purchase or exchange
    - 9 " conquest or revolution
  - .127 Alienation of territory
  - .128 Frontiers Boundaries
    - 1 Natural boundaries
    - 2 Mountains
    - 4 Rivers
    - 6 Lakes
    - 8 Coast
    - 9 Artificial boundaries
  - .15 Nature, entity, concept of the state
  - .151 Juridic theory
  - .152 Political theory
  - .153 Social and evolutionary theories
  - .154. The state as a moral organism
  - .157 Sovereignty
    - See also 341 International law
  - .158 Allegiance Loyalty, etc. Patriotism
    - See also state ethics 172.1 Duties of citizens
  - .159 National growth and decay
  - .18 Symbolism, emblems: arms, flag, seal, etc.
    - Better class in 929.8 and 929.9
  - .2 Compendis, statecraft
  - .3 Dictionaries
  - .4 Essays
  - .5 Periodicals
  - .6 Societies
  - .7 Education
  - .9 History of political science, divided like 930-999

## 321 Form of state

- .01 Simple state Soveren state
- .02 Mixt state
- .021 Federal state Bundestaat Federation
- .022 Confederation of states Staatenbund
  - Union of soveren states Alliance
- .023 Suzerain states
- .025 Semisoveren, dependent and vassal states
- .026 Mediatized state
- .027 Protected state
  - Protectorates, spheres of influence
- .028 Vassal states
- .03 Empire, imperialism
- .04 The world state
- .041 Internationalism

DECIMAL CLASSIFICATION

- 321.07 **Ideal state**      **Utopias**  
                             See also 335 Communism and socialism
- .09      **Change of form of state**  
 .092      Revolution  
 .094      Coups d'état
- .1      **Family**      **Patriarchal age**
- .2      **Tribes**      **Clans**      **Marks**      **Village communities**  
                             See also 333.2 Community ownership of land
- .3      **Feudalism**
- .4      **Democracy**      Pure; e. g. Athens, town meeting
- .5      **Aristocracy**      e. g. Italian republic; medieval German cities
- .6      **Absolute monarchy**
- .7      **Constitutional monarchy**
- .8      **Republic**      Modern democracy, delegated powers
- 322      **Church and state**      See also 172.3, State ethics; 261.7, The church  
                             Political aspects of combination or separation of state and church affairs
- 323      **Internal relations with groups and individuals**
- .31      Nobility, aristocracy; welthy class
- .32      Middle class, bourgeoisie
- .33      Proletariat, laboring classes, pesantry  
                             See also political economy, 331.8 Laboring classes
- .34      **Serfs**      **Villenage**  
                             See 326.3 Serfs and serfdom
- .4      **The state and the individual**  
                             Natural rights, individual rights, individualism
- .41      Equality of individuals, races, etc.
- .42      Equality before the law; justis, etc.
- .43      Life
- .44      Liberty
- .441      Freedom of action
- .442      "      " conscience
- .443      "      " speech
- .444      **Academic freedom**  
                             See 378.121 Freedom of teaching
- .445      Freedom of the press  
                             See also journalism 070.13; administration 351.751
- .446      Freedom of drama
- .447      "      " art
- .45      Family
- .46      Property
- .47      Right of assembly, association
- .48      Right of petition
- .49      Limitation and suspension of individual rights and guaranties
- .491      Martial law
- .492      State of siege

- 323.6 **Citizenship**
- .61 **Laws** Divided by country like 930-999
  - .62 **Naturalization**
  - .63 **Alien races and citizenship**
  - .64 **Loss and restoration of citizenship**
  - .65 **Duties and obligations of citizens**  
Scholar as citizen
  - .67 **Rights of aliens**
  - .68 **Eligibility to office**
- 324 **Suffrage**
- .1 **Qualifications, conditions and bases**
  - .11 **Age**  
For sex see 324.3 Woman suffrage
  - .13 **Property**  
Household suffrage
  - .14 **Education** **Competency** **Capacity**
  - .15 **Nationality** **Race** **Religion**
  - .16 **Residence, domicil**  
Length of residence
  - .162 **Voting by soldiers**
  - .164 " " **students**
  - .17 **Exclusion from and suspension of suffrage**
  - .171 **Incompetency, incapacity**  
Insane, idiots See also 324.14
  - .172 **Bankruptcy**
  - .173 **Pauperism**
  - .174 **Conviction of crime; bribery, selling vote**
  - .177 **Government service**  
Military service: soldiers and sailors  
Civil service, police officers
  - .178 **Other special classes**  
Students, domestic servants, etc.
  - .2 **Forms of suffrage** **Systems** **Voting, etc.**
  - .21 **Electoral systems**
  - .211 **Universal suffrage**
  - .212 **Partial suffrage, limited**
  - .213 **Plural vote**
  - .214 **Class vote, class system**
  - .215 **Compulsory voting**
  - .216 **Short ballot**  
Aiming to reduce number of elective offices
  - .22 **Constituencies and representation of interests**
  - .221 **Single member constituency**  
Scrutin d'arrondissement
  - .222 **Multimember constituency**  
Scrutin de liste, block vote, general ticket
  - .223 **Minority representation**  
Single vote, limited vote, cumulatv vote, proxy system
  - .224 **Proportional representation**  
Preferential: alternate, contingent, transferable vote. Quota: single, Droop, d'Hondt, substitute or Gove method. Graduated system, list system. For second ballot see 324.248
  - .227 **Economic and social groups**

DECIMAL CLASSIFICATION

- 324.23 Selection of candidates  
     Declaration and presentation of candidacy  
     .231 Nomination of candidate  
     .233 Party organization      Conferences  
     .235 Caucus primary  
     .237 Direct      "  
     .239 Platform  
     .24 Voting procedure  
     .241 Electoral lists: formation, revision  
     .242      Registration system  
             Poll lists and tally sheets  
     .243      Jurisdiction      Examination of credentials  
             Appeal, petition  
     .244 Open voting  
     .245 Secret ballot  
     .246 Voting place  
     .247 Absent voting      Voting by mail  
             Traveling salesmen, railway employees, mail clerks, etc  
     .248 Second ballot  
     .249 Indirect voting      Electoral college  
     .25 Ballot  
     .251      Unofficial  
     .252      Official  
     .253      Party ballots  
     .254      Blanket ballots  
             Party columns  
     .255      Party groups      Australian ballot  
     .256  
     .257  
     .258      Voting machines  
     .26 Results and announcements  
             Inspectors of election, meeting, etc.  
     .261 Count of ballot  
     .262 Majority elects      Absolute majority  
     .263 Plurality      "      Relative majority  
     .268 Announcement of vote  
     .27 Corruption      Electoral fraud  
     .271 Bribery and undue influence: intimidation, selling votes  
     .272 Fraud in voting: personation, repeating, illegal voting, colonizing  
     .273 Election contributions and expenditures  
             Limitations on expenditures; publicity.      Restriction on contributions  
             political assessments  
     .274  
     .275 Fraud in counting  
             Miscount of ballots; certification of false returns  
     .276  
     .277 Election contests  
     .28 Suffrage reform  
     .3 Woman suffrage  
     .4-9 Suffrage by country  
             Divided like 940-999



## 325 Colonies and immigration

- .1 Immigrants
- .2 Emigrants
  - Divided by country of origin like 930-999. This brings together material on emigrants of a special country or race; e. g. Chinese emigrants 325.251. Material on emigrants is usually most important in respect to country of origin, so is best classed in 325.2. Most libraries will have little except on immigrants to their own country, hence in United States 325.2 will relate almost wholly to specific nationalities in United States
- .3 Colonization
  - Divided by mother country like 930-999; e. g. 325.342 British colonies. This brings together colonies planted by a special country, but does not specify location of colony
- .4-9 In special countries
  - Divided like 940-999, by country in which planted e. g. 325.73 Foren population of United States. See note to 325.2 for a given nationality

326 Slavery See also 973.7 Civil war; 371.94 Education of freedmen

- .1 Slave trade
- .2 Coolies and contract slaves
- .3 Serfs and serfdom
- .4 Antislavery documents
- .5 " periodicals
- .6 " societies
- .7 Proslavery
- .8 Emancipation and freedom
- .9 History of slavery Divided geografically like 930-999
- .92 Biografy of slaves

327 Foren relations Divided geografically like 930-999

## 328 Legislation, lawmaking

Legislativ bodies and annals

- .1 Parliamentary law
- .2 Legislation
  - .21 Interpretation of law
  - .22 Uniform laws
  - .23 Codification
  - .24 Policy Tendencies
  - .241 Overlegislation
  - .243 Special legislation
    - For private and local bills see 328.378
  - .25 Legislativ powers
    - .251 Juridic "
    - .252 Executiv "
    - .253 Implied "
    - .256 Restrictions and checks on legislation
      - See also 328.349
  - .26 Direct legislation
  - .261 Initiativ
    - Voters by petition originate legislation
  - .264 Referendum
  - .27-29 Subjects of legislativ action
    - Divided like 351.7-351.9

## 328.3 Legislatures

## Summary

- 328.3 Legislatures
  - .31 Upper house
  - .32 Lower "
  - .33 Membership Election
  - .34 Prerogatives and powers
  - .35 Sessions
  - .36 Internal organization and disciplin
  - .37 Legislativ procedure
  - .39 Form of legislature
- .31 Upper house
- .32 Lower "
- .33 Membership Election
- .331 Conditions of membership, eligibility
  - Age, residence, property      Membership without voting power
- .332 Exofficio members
  - 1 Cabinet and government officers
  - 2 Expresidents
  - 3 Other exofficers
  - 4 Clergy, bishops
- .333 Compensation
  - Annual salaries, per diem payment. Milage, traveling expenses. Special sessions. See also 328.347 Privileges
- .334 Representation
  - 1 of states
  - 2 territories
  - 3 colonies and dependencies
  - 4 classes
    - Universities, landowners, Irish and Scotch peers
  - 5 of election districts      Apportionment
    - Equalization of representation; unfair apportionment; 'rotten boros' reapportionment
  - 6 Gerrymandering
  - 9 Number of members
- .335 Methods of appointment      Election
  - 1 Appointment by government or crown
    - For life or for a term
  - 2 Hereditary right
  - 3
  - 4
  - 5 Election by direct vote: plurality or majority
  - 6 Length of term
    - Entire or partial renewal of membership; holdover member
  - 7 Vacancies, resignations
    - Method of filling vacancies; special elections
  - 8 Contested elections
- .338 Official membership lists, directories
- .339 Unofficial lists or directories

POLITICAL SCIENCE

- 328.34 Prerogatives and powers      Restrictions  
 .341      Power over revenue and appropriation  
 .342          "      to judge of elections  
 .343          "      over members  
             Power to investigate or punish members  
 .344      Power of expulsion  
 .345          "      over government officers  
             Power of investigation for impeachment, see 351.96-.99  
                 "      to imprison citizens  
 .346      Treatymaking power  
 .347      Privileges  
             Franking privilege, postage and stationery; railroad passes; free distribution  
                 of books  
 .348      Immunities  
             From arrest  
 .349      Restriction  
             Offsholding      Instructions by electors  
             Direct mandate      See also 328.26 Direct legislation  
 .35      Sessions  
 .351      Method of summoning  
             Parliamentary writ  
 .352      Date of session  
             Fixed or movable  
 .353      Frequency of sessions  
             Annual, biennial, quadrennial  
 .354      Length of session      Life of legislature  
 .355      Recess  
 .356      Adjournment      Prorogation      Dissolution  
 .357      Executiv session: procedure  
 .358      Special session      Extra session  
 .36      Internal organization and disciplin  
             Verification of powers, credentials  
 .361      Oath of offis  
 .362      Offisers: appointment, election  
             1      Presiding offiser, speaker  
             2      President protem  
             3      Secretaries, clerks  
                 Bill clerk      Enrolling, engrossing clerks  
             4      Sergeant at arms  
             5      Pages, messengers, door keepers  
             6      Payment of employeas: gratuities, fees, extra pay  
                 Unnecessary attendants  
             7      Committees  
                 Standing, special, joint  
             8      Special commissions  
                 For investigation, not administrativ commissions  
 .363      Records  
 .364      Supplies: daily papers, postage stamps  
             Telegraf and telephone bills  
 .365  
 .366      Disciplin: suspension, investigation  
 .367      Bribery      Illegal practises  
             Graft bills, blackmail  
 .368      Lobbying  
             Including that by heds of depts and institutions

DECIMAL CLASSIFICATION

- 328.37      Legislative procedure
- .371      Rules, manuals  
            See 8 under 328.4-9 divided by country
- .372      Petition, addresses  
            Parliamentary inquiries, commissions  
            Recommendations from executive
- .373      Bills  
            Technic: bill drafting, introduction  
            Printing, enrolling, engrossing
- .374      Action by legislature before passage
- 1      Readings: 1st, 2d
- 2      Reference to committees  
            Committee work or procedure: investigation, hearings, conferences
- 3      3d reading
- 4      Contest over passage
- 5      Party caucuses, logrolling
- .375      Final passage  
            Rules committee, 'lifting' committee, 'steering' committee  
            Vote: viva voce, by roll call; by ballot; obligation of voting in person  
            pairing  
            Required majority. Veto, see 353.03  
            Passing over veto. Bills left in hands of executive: 30 day bills, pocket  
            veto  
            Bills which become law without executive action
- .376      Special bills  
            Financial, omnibus riders
- .377      Joint resolutions
- .378      Local and private legislation
- .379      Procedure in special cases
- I      Impeachment
- .39      Form of legislature
- .391      One chamber
- .392      Two chambers  
            See also 328.31 Upper chamber; 328.32 Lower chamber
- .393      Other forms
- .394      Reform
- .395      Abolition
- .4-9      Of special countries  
            Divided by countries like 940-999, and under each, works may be divided:  
            1 Journals   3 Abstracts   5 Rules   9 History of bodies  
            2 Debates   4 Documents   7 Legislative manuals
- 329      Political parties   Party conventions  
            329.01 U S. presidential campaign documents of all parties, arranged by campaigns
- .1      Federal
- .2      Anti-Federal
- .3      Democratic
- .4      Whig
- .5      American      Knownothing
- .6      Republican
- .7
- .8      Minor parties  
            .81 Prohibition, see also 178.5 Ethics; .82 Greenback, see also 332.5. Paper money;  
            .83 Woman suffrage, see also 324.3 Woman suffrage; .84 People's; .85 Labor  
            see also 331.8 Laboring classes
- .9      Parties in other countries      Divided geographically like 940-999

330 **Economics Political economy**

- .1 **Theory**
- .11 General conception Nature and character
  - Definition Limits and extent
- .12 Classification Divisions
- .13 Importance Utility
- .14 Language, terminology, symbols, abbreviations
- .15 Scientific systems
- .151 Mercantil system
- .152 Physiocrats
- .153 Laissez faire
- .154 Historic school
- .19 Relations to other classes
  - Divided like the Classification
- .1917 to ethics
- .1932 " politics
- .198 " literature
- .2 **Compendis**
- .3 **Dictionaries**
- .4 **Essays**
- .5 **Periodicals**
- .6 **Societies**
- .7 **Study and teaching**
- .8 **Polygrafy**
- .9 **History**
- .90 By periods
- .901 Primitiv -476 A. D.
- .902 Medieval 476-1500 A. D.
- .903 Modern 1501-1900 A. D.
- .904 20th century
- .92 Biografy
  - Preferably clast in 923.3
- .93-.99 History divided by country like 930-999

## 331 Labor and laborers Employers Capital

- .01 Theory
- .011 Freedom of labor
- .012
- .013 Importance, utility, dignity of labor
- .015 Psychology of labor
  - See 150 Psychology
- .02 Compendis
- .03 Dictionaries
- .04 Essays, addresses
- .05 Periodicals
- .06 Societies, bureaus, etc.
- .061 Government departments, bureaus
- .062
- .07 Education Exhibitions
  - See also 371.42, 607, and education in special subjects
- .08 Collected works
- .09 History
- .1 Relations of capital to labor
  - Industrial arbitration. Disciplin: deductions, stoppage, fines
- .2 Remuneration for work
  - Wages, hire, pay, salary, fees
  - General
  - .211 Statistical theory
  - .212 Wage fund
  - .213 Relation of wages to production
  - .214 " " " " cost of living Living wage
  - .215 Minimum wage
  - .22 Wage scales: scale contracts, sliding scale
  - .225 Extra pay
    - Extra wages, efficiency bonus, subsidies, bounties; progressiv wage. For deductions, stoppage, fines, etc. see 331.1
  - .23 Bases of wages and methods of payment
  - .231 By work done
    - Job, task, piece. For farming out, sweting system, see 331.236
  - .232 By time: hour, day, week, month, year
  - .235 Methods of payment
    - Truck system, store orders, shares, payment in kind
  - .236 Intervention of middleman
    - Subcontract, sweting system, commissions
  - .238 Payment by other then employer: fees, tips, etc.
  - .24 Profitsharing
  - .25 Pensions Insurance
    - Old age, sickness, accident
  - .26 State and wages
  - .261 Legislation Laws
  - .262 Wages for state labor
  - .27 Professional remuneration
  - .28 Wages divided by trade
  - .29 " " " country

- 331.3 **Labor of children**      See also 179.2 Cruelty to children
- .4 **Labor of women**      See also 396.5 Woman
- .5 **Work at reduced wages**
- .51 **Prisons**      **Convict labor**  
     See also 365 Prisons
- .52
- .53 **Convents**      **Ouvroirs (workshops)**  
     Ouvroirs are charity workshops paying beneficiaries nominal wages and market-  
     ing products at prices so small as to lower wages of selfsupporting workers
- .54 **Contract labor**
- .55 **Apprentis labor**  
     See also 331.86 Training, apprenticeship
- .56 **Peonage**
- .57 **Compulsory labor**      **Corvée**
- .58 **Slave labor**  
     See also 326 Slavery
- .6 **Pauper labor**      **Cheap foren labor**      **Chinese**  
     See also 339 Pauperism; 362.5 Asylums
- .7 **Skild and unskild labor**
- .8 **Laboring classes**
- .81 **Duration of work**      **Rest**
- .811 **Length of day**  
     8-hour day, 10-hour day, etc.      Shifts of work
- .812 **Night work**
- .813 **Sunday work**
- .814 **Overtime**      **Supplementary hours**
- .815
- .816 **Vacation**      **Leave of absence**
- .817 **Holidays**  
     Weekly rest, Sundays, labor festivals, May 1, festivals of patron saints
- .818 **In special trades**
- .819 " " **countries**
- .82 **Places of labor**      **Dangers**  
     See also 613.6 Hygiene; 622.8 Mining; 614.8 Protection of life
- .83 **Food**      **Clothes**      **Shelter**      See also 640 Domestic economy
- .84 **Morals and habits: thrift, temperance, amusements,**  
     **temptations**  
     See also 170 Ethics; 790 Amusements; 263.6 Sunday
- .85 **Helps: lectures, libraries, reading rooms, etc.**  
     **Social settlements**      See also 374.5 Popular lectures; 020 Libraries; 263.7  
     Sunday
- .86 **Training**      **Apprentisship**
- .87 **Organization of labor**
- .88 **Trade unions and other labor societies**  
     See also 338.6 Gilds
- .89 **Strikes**  
     Combinations of workmen.      Retaliation by employers
- .891 **Attacks on freedom of work**  
     Picketing; methods of intimidation; scabs
- .892 **Sympathetic strikes**
- .893 **Boycotting**
- .894 **Blacklisting**      **Laying under interdict**
- .895 **Lockouts**

- 332 Banks Money Credit Interest
- .1 Banks and banking
    - See also 334.2 Cooperativ banks
  - .11 National
  - .12 State
  - .13 Private
  - .14 Trust companies
  - .15 Foren
  - .2 Savings banks
    - Postal savings banks. See also 383
  - .3 Loan institutes
    - .31 Credit institutes
    - .32 Bilding associations See 334.1 Cooperation
    - .33 Monts de piété Governmental
    - .34 Pawn shops Private
  - .4 Coins and coinage Mints
    - .41 Coinage metals: production and value; gold, silver, nickel, copper
    - .42 Single and double standard
    - .43 International standards
    - .44 Monetary congresses
    - .45 Comparativ value of moneys
    - .46 Mints
    - .47 Coinage laws
    - .48
    - .49 In special countries Divided geograficly like 940-999
      - History, reports and laws
  - .5 Paper money Public and private notes See also 329.82
  - .6 Stocks and stock exchanges Bonds
  - .7 Credit Credit system
  - .8 Interest and usury See also 336.31 Public securities
  - .9 Counterfiting Forging See 343 Criminal law
- 333 Land: ownership, rights, and rent
- .09 Conservation See 338 Production; and 630 Agriculture
    - Special countries, divided like 930-999
  - .1 State ownership
  - .2 Community ownership
    - See also 321.2 Village communities
  - .3 Private ownership
    - .4 Absentee owners Alien owners
  - .5 Rent of land for cultivation
  - .6 " " " bilding
  - .7 Forests
  - .8 Mines
  - .9 Fisheries



## 334 Cooperation

- .1 **Bilding societies: loans, organization** See also 332.32
- .2 **Cooperativ banks** See also 332 Banks
- .3 " **insurance societies** See also 368 Insurance
- .4 " **housekeeping** See also 647.93 Domestic economy
- .5 " **consumptiv associations** **Stores**
- .6 " **productiv associations** **Factories**
- .7 **Friendly societies**
- .8 **Burial societies**

## 335 Socialism and communism

See also 334 Cooperation  
or Theory of property

- .1 **English socialism**
- .2 **Saint Simonism**
- .3 **Fourierism**
- .4 **Communism**
- .5 **German socialism** **Social democracy**
- .6 **State socialism** **Socialism of the chair**  
Professional socialism
- .7 **Christian socialism**
- .8
- .9 **Socialist communities**  
Divided by countries like 930-999

## 336 Finance

- .1 **State domain and properties**
- .11 **Management and income from rents**
- .12 **Sale**
- .13 **Land claims**
- .14 **Land grants to railroads, colleges, etc.**  
See also 379.12 Education
- .19 **State monopolies**  
e. g. French state monopoly of tobacco trade. See also 338.8 Monopolies
- .2 **Taxation**
- .21 **Direct**
- .22 **Real estate**
- .23 **Personal**
- .24 **Income**
- .25 **Poll**
- .26 **Customs: specific or ad valorem**  
Regulations. Schedules of duties. See also 337 Protection
- .27 **Excise, licenses: liquor, dog, legacies, stamp duties**  
See also 178.4
- .28 **Local taxes** See also 379.13 School funds
- .29 **Assessment and collection of taxes** **Exemptions**

- 336 .3      **Loans      Public securities**
- .31      Interest-bearing securities      See also 332.8 Interest
- .32      Floating det
- .33      Sinking fund
- .34      Public credit
- .35      Annuities
- .36      Repudiation
- .4-9      **Finance of special countries**      Divided geografically like 940-999
- 337      **Protection and free trade**
- See also 336.26 Customs
- .1      **Absolute free trade      No tariff**
- .2      **Free trade: i. e. tariff for revenue only**
- .3      **Protection**  
             Class in 337.2 discussions or histories which are arguments for free trade.  
             When doubtful prefer 337.3, the general number for discussions
- .4      **Subsidies**
- .5      **Duties on special articles: steel, wool, etc.**
- .6           "      "      **raw materials**
- .7           "      "      **books and works of art**
- .8      **Duty free importation for colleges, etc.**  
             See also 021.861 Libraries
- .9      **Reciprocity**
- 338      **Production      Manufacture      Prices**
- .1      **Agricultural products**
- .2      **Mining products**      See also 332.41 Coinage metals
- .3      **Water      "      Fish, ice, etc.**
- .4      **Manufactured products      Machinery in industry**
- .5      **Prices**
- .6      **Gilds**      See also 331.88 Trades unions
- .7      **Corporate industries**
- .8      **Monopolies      Trusts**      See also 336.19 State monopolies
- .9      **Industrial legislation**      Divided geografically like 940-999
- 339      **Consumption of welth      Pauperism**  
             See also 379.22 Illiteracy; 362.5 Pauper asylums; 331.6 Pauper labor

# 340 Law

## General works

Most periodicals belong in Private law, 347.05

- .1 Philology Theories Law of nature
- .2
- .3 Antiquities: torture, trial by ordeal, duel, etc.
- .4 Trial by jury
- .5 Comparativ legislation
- .6 Medical jurisprudence See also 614.23 Expert testimony
- .7 Education Law school Offis training
- .8 Polygrafy Collections
- .9 Legal anecdotes and miscellany

## Public law

### 341 International law

.01 Philology; .02 Compendis, etc. like 300

- .1 International congresses  
Of diplomatic agents for settling international relations; Hague tribunal. Con-  
gresses on special topics go with their subjects; e. g. 332.44, on Coinage
- .2 Treaties: texts and history  
Class with most important country, dividing like 940-999
- .3 Law of war Captivs Neutrals
- .4 International criminal law
- .5 International private law
- .6 Arbitration
- .7 Diplomacy
- .8 Consular systems

### 342 Constitutional law and history

Divided by countries like 930-999. Under each, works may be divided: 1 Texts of  
constitution; 2 Conventions; 3 Systems; 4 Essays; 8 Polygrafy; 9 History  
For Administrativ law, see 350

### 343 Criminal law

- .1 Criminal trials
- .2 Punishments  
Corporal. Deth penalty. Hard labor. Confinement
- .3-9 Of special countries Divided by countries like 930-999  
Under each country, works may be divided: 1 Penal codes; 2 Reports; 3 Criminal  
procedure; 4 Text books and manuals

### 344 Martial law

## Private law

### 345 United States statutes and cases

Divide each of the sections .1-5, using 1 U. S.; 2 Individual states arranged alfa-  
beticly; e. g. Statutes at large of U. S. 345.11; Acts and resolves of Mass. 345.12

- .1 Session laws
- .2 Codes Revised statutes
- .3 Law digests (of statutes)
- .4 Reports  
Use .4 U. S. supreme court; .41 U. S. circuit and district courts; .415 Periodical  
collections of various states; e. g. Eastern Reporter, etc; .42 Reports of individual  
states
- .5 Digests of cases

- 346 British statutes and cases  
Divided like 345. Includes all reports in English language except U. S. reports
- 347 Treatises American and English private law  
.01 Philosophy .02 Compendis .03 Dictionaries .04 Essays .05 Periodicals  
.06 Societies, bar associations .08 Polygraphy .09 History  
Put law of special topics with the subject; e. g. Insurance law, 368. The divisions  
.1-8 may be disregarded and all English law textbooks arranged in one alphabet by  
authors. An elaborate division, similar to Medicin, will be published after farther  
revision
- .1 Persons Legal capacity
- .2 Realty
- .3 Chattels Movables
- .4 Contracts
- .5 Torts
- .6 Family law and inheritance
- .7 Commercial and maritime
- .8 Equity
- .9 Civil trials Procedure
- .91 Civil trials
- .92 Pleading
- .93 Forms
- .94 Evidence Testimony in general not limited to civil trials
- .95 Remedies
- .96 Justises of the peace Notaries Sheriff
- .97 Organization of courts
- .98 Jurisdictions
- .99 History of special courts
- 348 Canon law
- 349 Foren law  
Divided like 930-999, and under each modern state divided like 345 with decimals  
.71 — .79 used for Treatises like 347; e. g. 349.4475 is French law of torts, 349.442  
is French code. Roman law is divided:
- .37 Roman law  
.01 Philosophy .02 Compendis .03 Dictionaries .04 Essays; .05 Periodicals;  
.06 Societies .07 Education .08 Polygraphy .09 History
- .371 Sources: Ante-Justinian
- .372 " Justinian
- .373 History and criticism of sources
- .374 Institutes: ancient Roman law
- .375 Pandects: modern " "
- .377 Treatises on special topics  
Divided like 347

## 350 Administration

Including Military science. .1 Theory; .2 Compendis; .3 Dictionaries; .4 Essays; .5 Periodicals; .6 Societies; .7 Education; .8 Polygraphy; .9 History

A large number of the questions properly placed under Administration are classed with related topics elsewhere. Some of these are repeated here, both to show the scope of the subject 'Administration' and to provide for cross references by those specially interested. See also 342 Constitutional law and history

## 351 Administration of central government

- .1 **Organization of civil servis**  
Officers. Method of election or appointment. Official functions and powers.  
Mutual relations
- .2 **Civil lists**
- .3 **Examination**
- .4 **Tenure of offis      Disciplin      See 351.92 Power of removal**
- .5 **Pensions**
- .6 **Reform      Spoils system vs offsholding class**
- .7 **Subjects of administrativ action**  
See also 353 United States; 354 Foren states
- .71 **Financial administration**  
See 336 Finance, public property, taxation
- .72 **Budget      Public accounts**
- .73 **Internal affairs      See also 323 Domestic relations**
- .74 **Police mesures**
- .75 **Public safety and order      See also 352.2 Police; 365 Prisons, etc.**
- .751 **Press**
- .752 **Reunion and association**
- .753 **Wepons**
- .76 **Vice and good manners**
- .761 **Liquor regulation      See 178 Temperance**
- .762 **Public gaming      See 174.6 Ethics**
- .763 **Public begging      See 339 Pauperism**
- .764 **Prostitution      See 176.5 Ethics**
- .77 **Sanitary police**  
See 352.4 Boards of helth; 614 Public helth, etc.
- .78 **Accidents      See 614.8 Public helth**
- .781 **Bildings      See 614.85**
- .782 **Fires      See 614.84**

DECIMAL CLASSIFICATION

- 351.8 Promotion of public welfare
- .81 **Means of communication**
  - See 380 Commerce, communication
  - .811 Highways See 386; 352.7 Local government
  - .812 Railways See 385
  - .813 Waterways See 386; 387
  - .814 Ferries
  - .815 Bridges See 352.7 Local government
  - .816 Post offices See 383
  - .817 Telegrafs See 384
- .82 **Trade and industry**
  - .821 Weights and mesures See 389 Commerce
  - .822 Coinage and money See 332 Banks, money
  - .823 Landed industry
    - Agriculture See 630 Useful arts; 338.1 Production
    - Forests See 634.9 Agriculture; 333.7 Land
    - Mines See 622 Mining; 338.2 Production; 333.8 Land
  - .824 Commercial and manufacturing industry
    - See 380 Commerce; 338 Production
  - .825 Institutions of credit See 332 Banks, credit
    - Savings banks See 332.2
    - Mutual benefit societies See 334 Cooperation
    - Insurance See 368; 334.3 Cooperativ insurance
    - Monts de piété See 332.33
- .83 **Labor** See 331 Capital, Labor, Wages
- .84 **Public charity**
  - See 339 Pauperism; 360 Associations and institutions
- .85 **Education and worship**
  - .851 Public education See 379 Education
  - .852 Public libraries See 027.4 Library economy
  - .853 Art museums See 708 Art
  - .857 Worship See 322 Church and state
- Military and naval See 355-359 Army and Navy
- Justis See 340 Law
- Foren affairs See 341 International law; 327 Political science
- .9 **Control over the administration**
  - .91 Administrativ control By superior officers
  - .92 Disciplinary power
    - Power of removal. See also 351.4 Tenure of offis
  - .93 Supervision
    - Power to annul or amend specific acts
  - .94 Judicial control
    - .941 Ordinary courts See 347.5 Law of torts
    - .945 Criminal courts See 343 Criminal law
  - .95 Administrativ courts
  - .96 Parliamentary control
  - .97 Petitions and addresses
  - .98 Investigations
  - .99 Impeachment

352 Local government: county, town, city

See also 379 Public schools; 020 Libraries

**General questions of municipal administration**

- .001 Growth and importance of cities
- .002 Cities and state control
- .003 City as a juristic person, a corporation  
See also 347.1 Law of corporations
- .004 City organization, municipal elections
- .005 Municipal civil servis

**Local administration of special countries and cities**

.03-.09 divided by countries like 930-999

**.042 Local government in England**

Arrange matter relating to special cities alfabetically by name of city and subdivide the remaining works as follows:

- 1 County
- 2 Municipal boro
- 3 Parish
- 4 Union See 339 Pauperism
- 5 Sanitary districts See 614 Public helth
- 6 School districts See 379 Education
- 7 Highway areas See 352.7

**.043 Local government in Germany** Special cities like 352.042

- 1 Province: landtag, provincial committee, director
- 2
- 3 Circle Circle diet Circle committee Landrat
- 4 Commune
- 5 Towns
- 6 Township

**.044 Local government in France** Special cities like 352.042

- 1 Department
- 2 General council
- 3 Departmental commission
- 4 Prefect
- 5 Arrondissement
- 6 Commune
- 7 Mayor
- 8 Municipal council

**.1 Finances: city property and local taxation**

See also 336 Finance

**.2 Police**

**.3 Fire department** See also 621.68 Fire engines; 614.84 Fires

**.4 Public helth: board of helth** See also 614 Medicin

**.5 Public bildings and works**

**.6 Water and sewerage works** See also 628 Sanitary engineering

**.7 Streets Highways Bridges Parks**

See also these topics in Relativ index for other relations

**.8 Licenses: hack, huckster, entertainment, etc.**

**.9 Other topics**

## 353 United States and state government

Operation of government, except legislativ branch. For U. S. congress and state legislatures' see 328.73-798, where also are department reports in sets of congressional and state documents. Class separates of such reports with their subjects or with their respective departments in 353.1-97988 when they have no definit place elsewhere in the classification; but report of bureau of education 379.73, of agriculture dep't 630.6 See also 342.73 Constitutional law and history

- .01 Administrativ centralization
- .02 Separation of powers
- .03 President
- .04 Departments
- .05 Cabinet
- .1 State department
- .2 Treasury department
  - Laws and rules governing treasury; but class reports 336.73 U. S. Finance
- .3 Interior department
- .4 Postoffis department
  - See also 383 Postal servis
- .5 Judiciary department
- .6 War department
  - See also 355 Army: military science
- .7 Navy department
  - See also 359 Navy: naval science
- .8 Other departments
- .9 State government · Divided like 974-979

Apply same decimals for state and foren governments. For departments not here specified use .8 and .9 and any of above numbers left blank; e. g. for a state having no navy, .7 is free for some local use. Judiciary dept. of D. C. 353.97535  
353.9 includes history of regiments, unless covering a particular period of national history; e. g. the "history of the N. Y. 7th regiment in the civil war" is attracted to 973.74, but a general history of the same regiment is 353.97476

## 354 Organization of central government Foren states

See also 342 Constitutional law and history  
Divided geograficly by countries like 930-999. Under each country the U. S. divisions, 1 State, 2 Treasury, etc. may be used; e. g. State department of Great Britain, 354.421. Add also the following divisions:

- .42 Administration of England Central government
  - 01 Administrativ centralization
  - 02 Separation of powers
  - 03 Monarch
  - 04 Privy council
  - 05 Cabinet
- .43 Administration of Germany Central government
  - 01 Administrativ centralization
  - 02 Separation of powers
  - 03 Empire
  - 04 Bundesrat
  - 05 Emperor
  - 06 Ministry
  - 07 States Monarchs
  - 08 Landtag Ministers Council of state
  - 09 Free cities
- .44 Administration of France Central government
  - 01 Administrativ centralization
  - 02 Separation of powers
  - 03 President
  - 04 Ministers
  - 05 Council of state



355 Military science Army

Military in broad sense of land and sea forces; but limited to military science, tactics, etc. For War department of U. S. see 353.6; for history of regiments see, 353.9 and subdivision 4 under special wars in 973; e. g. Mexican war being 973.62, regimental history of that war is 973.624. See also 623 Military engineering

- .01 Theory
- .02 Compendis
- .03 Dictionaries
- .04 Essays
- .05 Periodical
- .06 Societies
- .07 Education
- .08 Polygraphy
- .09 History

.1 Military life

Including honor, honors and insignia, and standards

.11 Servis periods and retirement

.114 Termination of servis Resulting status

.12 Military life in peace and war

.13 Military honor Disciplin

Professional morality; rewards

.14 Uniforms

System; distinguishing rank; style, color and esthetic considerations  
See also 355.81 Clothing of troops

.15 Colors and standards

.16 Military celebrations

Commemorations, anniversaries, jubilees

.2 Recruitment

Voluntary and compulsory enlistment; recruits from military schools. Obligations of citizens with respect to national defense  
For relations of government to maintenance of public order see 351.74 Government police mesures

.3 Organization of military forces

.31 Army units and organization

For special arms see 356 Infantry, 357 Cavalry, 358 Artillery. For classification according to military obligation and field of servis see 355.35

.33 Officers Military hierarchy

.331 Command in general

General principles and rules of command, whether of large or small units

.34 Special servis

Outside the regular arm or grade

.35 Armies General staff

Armies clast according to military obligation and field of servis; e. g. European armies of first line, 2d line, colonial armies  
For military units see 355.31

.4 Tactics and strategy

.41 Logistics and field servis

.42 General tactics

See each arm for its peculiar tactics

.43 Strategy

.44 Siege warfare

For siege engineering see 623.2

.45 National defense

.47 Military geografy

Divided like 930-999

Geographic works from military point of view and works on strategic conditions of theaters of operations

.48 Wars, campains, battles, military exploits

Better clast with wars to which they belong in 930-999

DECIMAL CLASSIFICATION

- 355.5 **Servis**  
 Garrison and field servis, mobilization; instruction of troops and subaltern grades: maneuvers
- .52 **Grand maneuvers**      **Instruction camps**
- .6 **Military administration**  
 Class here only what concerns the workings of administrativ servises. For personnel and organization of these servises see 356.3
- .7 **Military establishments**  
 Organization and servis  
 See also 359 Naval establishments  
     623.63      Military establishments (military engineering)  
     725.12      Architecture of military bildings
- .8 **Military equipment and supplies**
- .81 **Clothing**      **Camp outfit**
- .82 **Small arms and ammunition**  
 Administrativ questions: working and reserv supply; storage, issue, etc.  
 For mechanism and relativ efficiency of different kinds see 623.4
- .83 **Wagons**      **Harness**      **Transportation outfit**
- .84 **Pioneering tools**
- .85 **Other tools**      **Instruments**
- 356 **Infantry**
- .1 **Organization**  
 Light infantry, mounted infantry, cyclist infantry
- .12 **Special colonial infantry**
- .13 **Organizations eventually subject to mobilization**
- .14 **Volunteer corps**
- .15 **Irregular troops**  
 'Corps francs' existing only during war
- .16 **Special infantry troops**  
 Sharpshooters, etc.
- .2 **Staff and special servises**
- .3 **Administrativ staff and servises**  
 Personnel and organization
- 357 **Cavalry**      **Mounted servises**
- .1 **Cavalry proper**
- .2 **Remount and training servises**
- .3 **Army train**
- 358 **Artillery, engineers and other technical servises**  
 For ordnance, gunnery, etc. see 623 Military engineering
- .1 **Artillery**
- .2 **Engineers**
- .3 **Other technical servises**
- 359 **Naval science**  
 Divided by .01-.09 like 355. See also 623.8 Naval architecture

## 360 Associations and institutions

This covers what is best known as "Charities and corrections," and general works on this topic go in 360. Under each section .9 is used as in 362.9, for grouping by location; e. g. Clubs of London are 367.942f

### 361 Charitable

See also 377.7 Charity schools. For humane societies see 179.2

### 362 Hospitals, asylums, and allied societies

For inebriate asylums, see 178.6 Temperance reformatories

.1 Sick and wounded      Incurables      Eye and ear infirm-  
aries      Lying-in hospitals      Dispensaries

.2 Insane

See also 132.1 Insanity

.3 Idiotic

See also 132.2 Idiocy; 136.7622 Child study; 371.922 Education

.4 Blind      Def      Dum

See also 371.91 Education

.5 Paupers

See also 339 Pauperism; 331.6 Pauper labor

.6 Aged

.7 Children      Orphans      Foundlings

See also ethics, 179.2 Cruelty

.8 Other

.9 Special countries

Divided like 930-999; e. g. 362.942 Hospitals of England

### 363 Political

Tammany, Primrose leag, Ku Klux, etc.

### 364 Reformatory Criminology

Schools; discharged convicts; criminal classes

### 365 Prisons      Disciplin

See also 331.5 Convict labor

### 366 Secret societies

.1 Masons    .2 Knights of Pythias    .3 Odd Fellows    .4 Rosicrucians

See also 371.85 College secret societies .

### 367 Social clubs

### 368 Insurance

See also 334.3 Cooperativ insurance

.1 Fire

.2 Marine

.3 Life

.31 Annuities

See also 336.35 Public annuities; 519.5 Probabilities

.4 Accident      Liability

.5 Animal and crop, agriculture

## DECIMAL CLASSIFICATION

- 368.6 Plate glass
- .7 Boiler
- .8 Credit and bonds Land titles
- .91 Government control Commissioners
  - .94-.99 divided geografically like 940-999; e. g. Insurance in New York (including state reports, etc.) is 368.9747

## 369 Other associations and institutions

- .1 Hereditary and patriotic societies (American)
  - .11 General associations
    - .111 Regular army and navy union
    - .112 Society of veterans of the regular army and navy
    - .113 Military and naval order of the United States
    - .114 Medal of honor legion
    - .115 Military order of foren wars of the United States
    - .116 Order of the old guard
      - Incorporated 31 Jan. 1896; organized 15 Oct. 1896
    - .117 Naval order of the United States
    - .118 Society of American wars
    - .119
  - .12 Colonial societies
    - .121 Society of colonial wars
    - .122 Society of colonial dames of America
      - A New York society with chapters in other states; known also merely as Colonial dames of America
    - .123 National society of colonial dames of America
      - A federation of separately incorporated societies in about 40 diferent states
    - .124 Society of the Mayflower descendants
    - .125 Order of the founders and patriots of America
    - .126 Colonial order of the acorn
      - .127 " society of Pennsylvania
      - .128 " daughters of the 17th century
    - .129
  - .13 Revolutionary societies
    - .131 Society of the Cincinnati
    - .132 Society of the daughters of the Cincinnati
    - .133 Sons of the American revolution
    - .134 Sons of the revolution
    - .135 Daughters of the American revolution
    - .136 Daughters of the revolution
    - .137 Children of the American revolution
    - .138
    - .139

369.14

- .141 Society of the war of 1812
- .142 United States daughters of 1776-1812
- .143 Military society of the war of 1812
- .144 Society of the second war with Great Britain in the state of  
New York
- .145 Aztec club of 1847
- .146 National association of veterans of the Mexican war

.147

.148

.149

**.15 Civil war societies, Union**

- .151 G. A. R. (Grand army of the republic)
- .152 Military order of the Loyal legion
- .153 Society of loyal volunteers
- .154 Union veterans union
- .155 Union prisoners of war association
- .156 Society of the army and navy of the Gulf
- .157 National association of naval veterans
- .158 Society of the army of the Cumberland

.159

.16

.161 Woman's relief corps

.162 Woman's veteran relief union

.163

.164

.165 Society of the sons of veterans, U. S. army

.166

.167

.168

.169

**.17 Civil war associations, Confederate**

- .171 Confederate survivors association
- .172 Confederate veterans association
- .173 United sons of confederate veterans
- .174 " confederate veterans
- .175 Daughters of the confederacy

.18

.181 Spanish war veterans

.182 Society of the army of Santiago de Cuba

.183 Naval and military order of the Spanish American war

**.4 Young peoples societies**

For religious societies see 267.6

**.41 Mixt: boys and girls**

**.42 Boys**

See also 136.77 The 'gang'

.43 Boy scouts

**.46 Girls**

.47 Campfire girls

## 370 Education

- Disciplin in broad sense
- .1 Theory of education      Meaning      Aim  
Including philosophy of education, science of education and general methodology. Not limited to any curriculum, school or class of schools. For specific methods, pedagogics, see 371
  - .109 History of educational theory
  - .15 Psychology applied to education  
Imitation, suggestion, play, etc. Divided like 150 Psychology; e. g. function of memory in education 370.154
  - .2
  - .3 Dictionaries      Cyclopedias
  - .4 Essays      Addresses
  - .5 Periodicals  
General. For periodicals limited to a special topic see that topic; e.g. kindergarten magazines 372.205. See also 371.805, 378.05
  - .59 Educational almanacs and calendars for teachers
  - .6 Organizations      Conventions
  - .61
  - .62 Associations      Clubs  
Permanent societies, their meetings and reports. Divided like 940-999
  - .63 Congresses      Conventions  
Occasional congresses and conferences: international or interstate
  - .7 Study of education      Institutions and organizations for training teachers  
Means and methods, including normal schools, institutes, etc. For need of training, kind and amount, see 371.12
  - .71 Teachers meetings  
Class meetings of teachers of a single institution (faculty meetings) with the institution; see table for school and college publications under 378.4-9
  - .711 Plan and organization  
Frequency, time, place, control, cost, etc.
  - .712 Programs, courses of study
  - .714-9 In special places  
Divided geographically like 940-999
  - .72 Teachers institutes  
Divide like 370.71 above
  - .73 Normal schools  
Institutions primarily for training teachers; e.g. state normal schools, Teachers college of Columbia university; often with attacht 'model' or practis schools, in which normal students teach under supervision of their instructors. For training classes attacht to regular schools see 370.75
  - .731 Plan and organization      Aims and functions      Scope  
Length and time of terms. Support: public, private
  - .732 Courses, programs      Credentials
  - .733 Adjuncts: practis or model schools
  - .734-9 Special countries and schools  
Divided geographically like 940-999
  - .74 Education museums  
Including exhibits at international expositions, state and county fairs, etc.
  - .75 Training classes  
Class here teachers classes attacht to regular schools. For normal schools see 370.73

- 370.8 Polygrafy
  - .81 Collected writings of a single author  
If not limited to a definit topic; e.g. Horace Mann, Henry Barnard, etc.
  - .82 Collected writings of several authors
  - .9 History, description  
General works covering both ancient and modern history, and including history of institutions, practis, and description of conditions. See also 136.791 The child among uncivilized and semicivilized peoples
  - .92 Educational biografy  
Preferably clast in 923.7
  - .93-9 History of education in special countries  
Subdivided like 930-999
    - .9401 Medieval Europe
    - .9405 Modern Europe

### 371 Teachers Methods Disciplin

Practical methods. See 370.1 for theories of education. The following divisions concern instruction of all grades

- .1 Teachers Teaching personnel Professors, masters, instructors  
See also 370.7 Training of teachers
  - .101 Duties and responsibilities Mission
  - .102 Personal influence
  - .103 Relations to parents  
Mutual duties of parents and teachers
  - .104 Relations to community Public status
  - .105 Social status
  - .11 Qualifications Personality  
See also 371.18
  - .12 Need of training; kind and amount  
Discussion of special preparation of teachers and professors for their vocation. For teachers training schools and classes, see 370.7
  - .13 Examination Certificates Certified teachers Licenses
  - .14 Appointment Organization of teaching force
  - .142 Appointment Contract Discharge Tenure
  - .143 Appointing body  
Board, committee, principal
  - .145 Agencies  
Bureaus and associations for supplying teachers
  - .15 Professional status  
Permanent profession vs steppingstone theory

- 371.16 Salary and promotion Compensation Amount  
of servis  
For pensions and insurance see 371.17
- .161 Salary
- .162 Fees
- .163 Allowance for expenses
- .164 Residence Living expenses
- .165 Promotion Advance in rank  
For salary promotion see 371.161
- .166 Hours Daily or weekly servis
- .167 Vacation Yearly servis
- .168 Sabbatic year
- .17 Pensions and insurance for teachers  
Carnegie pension fund
- .18 Women as teachers  
Feminization of teaching force
- .19 Other topics
- .2 School organization School records  
Diary. 'Logbook.' For government of students, disciplin, see 371.5 For  
school supervision see 379.15
- .21 Admission Enrolment Matriculation  
For college entrance requirements see 371.214. Standards of individual  
schools are clast with the school
- .211
- .212 Grammar or intermediate school admission standards  
Including standards of German bürgerschulen
- .213 High school standards  
Including standards of German gymnasia, French collèges and lycées
- .214 College standards  
Undergraduate and nonprofessional graduate courses in (American)  
colleges and universities
- .215 Professional and technical school standards
- .22 Tuition fees Free tuition Scholarships  
See also 371.162 Professors fees; 379.13 Tuition fees of nonresident  
pupils in public schools; 378.34 Scholarships
- .23 Terms Vacations Holidays Breaking up  
See also Hygiene of vacations and holidays 613.76, 613.77; Closing for  
diseases, 371.712
- .234 Terms in 2 or more places  
For floating schools see 371.392
- .24 Hours Recess  
For exercise see 371.73 Care of body
- .25 Classes Grades  
For grading of schools, see 379.17. See also 371.394 Individual  
instruction
- .253 Length of school courses; e. g. 6 year course  
See also 378.241 Length of college course
- .26 Marking system



SOCIOLOGY

- 371.27 Examinations: oral, written Cramming  
 See also 428.9 Language  
 For competitiv examinations see 371.53
- .28 Promotions Degrading
- .29 Other topics
- .291 Graduation Diplomas  
 May be subdivided like 371.21 See also 378.2 College degrees
- .3 Methods of instruction  
 Under the heds below class discussion of pedagogic value of these methods.  
 For methods of teaching specific subjects, see those subjects; for their educational value see 375 Curriculum; e. g. teaching of mathematics 510.7, place of mathematics in curriculum 375.51
- .31 Rote or concert teaching
- .32 Text books Recitations  
 Use of textbooks. Textbooks themselvs are clast with the subjects treated
- .33 Lectures Oral instruction
- .34 Developing or inductiv method
- .35 Art of questioning Catechetiv method
- .36 Topical method
- .363 Correlation
- .365 Special days  
 Historical days: Discovery day, Flag day, Memorial day, Constitution day, Independence day. Birthdays: authors and other noted persons; Washington's birthday. Nature: Arbor day, Bird day. Other: Thanksgiving, Christmas, Easter, etc.
- .37 Seminary method
- .38 Laboratory work
- .39 Other
- .392 Floating schools or colleges  
 Combining travel and shipboard instruction
- .393 Trips, excursions, visits
- .394 Individual instruction Batavia system  
 By regular teacher or tutor, at home or at school See also 373.1  
 Private instruction
- .395 Small classes  
 See also 371.47 Quincy system
- .4 Systems of education  
 For Fröbel's system see 372.2 Kindergarten
- .41 Bell and Lancaster, or monitorial Mutual system
- .42 Fellenberg or manual training; vocational schools, industrial education  
 For equipment and cost of manual training schools or departments see 371.623 Machine shops, 371.676 Apparatus, etc. For subjects of study see 375.01-9 For individual schools see 607 or 378.99
- .421 Educational value
- .422 In elementary schools
- .423 In secondary schools
- .424 In special schools
- .429 History and development

DECIMAL CLASSIFICATION

- 371.43 Military organization      Military instruction  
 .44 Pestalozzian  
     Class here all Pestalozzi's educational writings  
 .45 Jacotot  
 .46  
 .47 Quincy system  
 .5 Government      Disciplin      Authority  
 .51 Rules  
 .52 Attendance      Truancy      Tardiness      Absences  
     See also 379.23      Compulsory education  
 .53 Rewards      Prizes      Favors      Approbation  
 .535 Interschool literary contests  
     Competitiv examinations. For interschool and intercollegiate de-  
     bates see 374.245      For interschool athletics see 371.75  
 .54 Punishment      Disciplinary penalties  
     Limits of school jurisdiction.      Disciplin of consequences  
 .55 Corporal punishment  
 .56 Other punishments  
     Confinement; tasks; expulsion; suspension; discharge  
 .57 Personnel responsible for disciplin      Monitors  
 .58 Moral government      Alcott system  
 .59 Student self government      College systems  
 .595 School city      Ray system  
 .6 School premises and equipment  
 .61 Grounds      Site  
     School playgrounds  
 .62 Bildings  
     Requirements peculiar to schools. See also 727 Architecture of educa-  
     tional institutions. The following subdivisions apply to both special  
     rooms and separate bildings  
 .621 Study, lecture and assembly rooms  
 .622 Library and museums  
     Art, science, etc. See also 022 Library bildings; 371.64 Function  
     of school libraries; 021.3 Relation of libraries and schools; 027 .7-.8  
     Reports of college and school libraries  
 .623 Laboratories      Observatory      Machine shop  
     See also 542.1 Chemic laboratories; 522.1 Observatories  
     371.66 Scientific apparatus and supplies  
 .624 Gymnasium  
     See also 725.85  
 .625 Other special rooms or bildings  
     Dormitories, clubs, infirmaries, Y.M.C.A. and Y.W.C.A.  
 .626 Sanitation      Lavatories  
 .627 Lighting  
 .628 Heating and ventilation  
 .629 Accessories  
     Elevators, lifts, telefones, etc.

- 371.63 Furnishing and decoration
- .631 **Furniture**  
 Blackboards, desks, chairs, benches. For globes and maps see 371.66
- .632 **Musical instruments**
- .633 **Floors: bare, covered**  
 See also 721.6 Architectural construction  
 022.96 Library bildings  
 645 House decoration
- .634 **Walls: tints, covering**
- .635 **Decoration**  
 See also 729 Architectural decoration
- .636 **Pictures, frescoes** Glass
- .637 **Sculpture**
- .638 **Plants**
- .639 **Other decoration**
- .64 **Libraries**  
 Character and functions. For relation to public library see 021.3; for relation to other school rooms and bildings see 371.622. See also 027.8 School libraries; 027.7 College libraries
- .641 **Relations of library to faculty and students**
- .642 **School traveling libraries**
- .643 **School reading lists**  
 See also 028.5 Reading of young
- .644
- .645 **Elementary school libraries**
- .646 **Secondary school libraries**
- .647 **College and university libraries**  
 Departmental and seminar libraries
- .648 **Professional and technical school libraries**  
 In 371.645-8 may be clast matter pertaining to desirability and scope of such libraries, tho it is better in 027.7-.8 with reports and other matter pertaining to their management
- .65 **Museums: character and functions**  
 Divided if wisht like 010-999; e.g. 371.655 Science museums; 371.657 Art museums Limited to character and functions of museums attacht to teaching institutions: see also 708 Art museums and form division 074 under special subjects
- .66 **Scientific apparatus, laboratory equipment and supplies**  
 Divided like 500; e.g. 371.662 Astronomic observatory
- .67 **Other apparatus, equipment and supplies**  
 Divided if wisht like 010-999; e. g. 371.6791 Globes, maps, etc.
- .7 **School hygiene**
- .71 **Helth of students** Overstudy Fatigue
- .711 **Sanitary conditions and inspection**  
 Board of helth. For sanitary engineer's side see 371.626
- .712 **Medical inspection**  
 For personal conditions affecting helth and intellectual progress; e.g. clenliness, contagious diseases, nervous disorders, defectiv eyes, ears or teeth. Closing schools on account of epidemic or contagious diseases

DECIMAL CLASSIFICATION

- 371.713 **Posture**  
 See also 371.632 Furniture (ill designd desks and seats)
- .716 **School meals**  
 Discussion, Administrativ problems: space, cost, whether wholly or partly free, etc. For management of lunch room, suitable food, etc. see 642.58
- .718 **Open air schools**
- .72 Care of eyes Effect of study
- .73 Care of body Gymnastics Calisthenics  
 For systems of gymnastics or physical training, and books of exercises see 613.71
- .731 **Educational influence of physical training**
- .732 **Gymnastics Calisthenics**
- 2 In elementary schools
- 3 In secondary schools
- 4 In colleges
- 5 In special schools
- 6 In girls' schools
- .733 **Military drill**  
 For military organization of school see 371.43
- .734 **Fencing**
- .735 **Swimming Bathing**
- .736 **Riding**
- .737 **Walking School promenades**
- .74 **Recreations Games, etc. Athletics Di-  
 versions**  
 See also 371.61 School playgrounds; 613.74 Hygiene of play; 796 Outdoor sports
- .75 **Championship games Boat races Inter-  
 school athletics**  
 See also 175.7 Ethics; 613.73 Hygiene; 796 Outdoor sports
- .79 **Other special topics**
- .8 **Student life and customs**  
 Various aspects of student life and student activities outside regular courses of study  
 See also 784.6 College songs; 378.29 College costumes
- .805 **Student periodicals**  
 Discussion here. Periodicals themselvs preferably with their schools
- .81 **Student honor**  
 Cribbing Cheating Keys Ponies Copying
- .82 **Fagging and hazing Bullying German  
 student duels**
- .83 **Student organizations German corps**
- .836 **Ancient student societies**
- .84 **Literary societies**
- .85 **Secret societies**  
 Class all college chapters here, thus bringing the fraternity together, with reference from the college. See also 366 Secret societies
- .86 **Society premises Society houses Halls  
 Temples, etc**

SOCIOLOGY

- 371.87 Student houses Lodgings Dormitories  
 .88 Commons Student restaurants Eating clubs  
 .89 Customs Celebrations Triumphs, burnings, etc.  
     Anniversaries Ceremonious receptions Student banquets  
 .895 **School plays**  
     Divided by language like 400; e.g. 2 English, 3 German  
 .896 **Class days**  
     Of special institution, with institution  
 .9 **Education of special classes**  
     General questions; kind and methods of education for these classes.  
     For institutions see 362, 364. For study of abnormal children see 136.76  
 .91 **Physically defectiv**  
     See also 362.4 Asylums for blind and def  
 .911 **Blind**  
     See also 655.38 Printing for the blind  
 .912 **Def**  
     Finger alfabet See also 378 for degreeconferring colleges  
 .913 **Blind-def**  
 .92 **Mentally defectiv**  
     Divided like 132. See also 362.3 Idiot asylums, 920.8 Lives of idiots  
     cranks, etc.  
 .93 **Morally defectiv Delinquents**  
     See also 364 Reformatories. Criminal classes  
 .94 **Other abnormal classes**  
     See also 136.764-9 in Childstudy  
 .945 **Exceptionals Precocity**  
 .947 **Dependents**  
     See also 362 Hospitals, asylums and allied societies  
 .95  
 .96 **Special ranks**  
     See also 375.002 Courses for different social classes  
 .961 **Princes**  
 .962 **Nobles**  
 .97 **Special types**  
     See also 136.77 Boys, the 'gang'  
 .974 **Freedmen Negroes**  
     See also 378.75-.76 for degreeconferring colleges  
 .975 **Indians**  
 .976 **Oriental**  
 .98 **Special nationalities**  
     Special schools for foreners; e. g. Germans, Hungarians, Russians,  
     Japanese in United States.  
 .99 **Coeducation of races**

## 372 Elementary education

Primary schools. Dame schools. Infant schools (under 7 years)  
See also 371.44 Minding schools 362.5 or 362.7; Crèches 362.7

.01

Pedagogy and didactics of primary schools

.1

May be used like 136.7 by those who insist on having childstudy with education

.2

**Kindergarten**

See also 371.44 Pestalozzian, for theory and early history. Put Fröbel's work and development of his system here

.201

Theory Principles

.202

.203

.204

Essays

.205

Periodicals

.206

Societies

.207

Training of kindergartners

.208

.209

History

Divided if wisht like 940-999

.21

**Methods**

.211

Gifts and occupations

.212

Gifts

.213

Occupations

.214

Stories

.215

Songs and games

.22

Influence of kindergarten

.23

Relation to other schools

.3

**Observing powers Object teaching Science**

.35

Nature study

Divided like 500-599; e.g. Birds 372.35982

.36

Gardening

.4

**Reading Alfabet Fonics and word methods****Spelling**

See also 428.6 Elementary readers

.45

Simultaneous teaching of reading, writing and spelling

.5

**Elementary writing and manual work**

See also 741 Freehand drawing

.51

Writing

First efforts, imitating printed roman letters

.52

Drawing Design

See also 741 Drawing

.53

Clay modeling

.54

Sewing, etc.

.55

Elementary basketry, weaving and braiding

- 372.6 **Elementary grammar**      **Language lessons**  
     See also 400 Philology, subdivision 8 under each language
- .61      **Mother tung**
- .65      **Second language**
- .7      **Elementary arithmetic**  
     Including mental arithmetic. See also 511. For Abacus see 511.2
- .8      **Other studies**  
     Divided if wisht like 010-999; e.g. 372.82 Religion
- .89      **Elementary geografy**  
     See also 910.7. Elementary textbooks may be put with their subjects, but a primer of geografy is more useful to a student of elementary schools and methods than to one interested in Geografy, Description, and Travel. Text books, except primary, go with their subjects
- .9      **Special countries and schools: history, reports, etc.**  
     Divided like 940-999; e.g. 372.942 English elementary schools. Put here elementary schools whether public, endowd or private

### 373 Secondary Academic Preparatory

Class here discussions of general theories, methods, etc. pertaining specifically to secondary education, regardless of source of support. Class here also all private or endowd secondary schools for boys or both sexes; but class all public (taxsupported) schools in 379.4-9, all primary schools (regardless of support) in 372.9, all schools and colleges solely for women in 376, and all colleges for men or coeducation in 378. Class methods and questions peculiar to monastic, diocesan and parochial schools in 377, but class the schools themselves in 372, 373, 378, etc. according to their grades  
 For specific topics see 371

- .1      **Private instruction: tutor, governess, coach**
- .11      **Relativ advantages of instruction at home and in school**  
     See also 371.394 Individual instruction
- .2      **Day schools**      **Boarding schools**
- .4-9      **Special countries and schools: history, reports, etc.**  
     Divide like 940-999; e.g. 373.42 Higher English schools, Eton, Harrow, etc.

## 374 Home education Self education and culture

Cultural, personal aspect of education. Choice of vocation is clast here because usually discust with self education and closely related to it and preparation for life.

Subdivided by 0 with form numbers if wisht; e.g. 374.05 magazines pertaining to this work, 374.06 Conferences, conventions, institutes, general meetings.

The term Home education covers the broad field of adult self education thru private reading, study clubs and reading circles, summer, vacation, evening and correspondence schools, lecture courses and other forms of extension teaching and other agencies for extending more widely opportunities and facilities for education outside the usual teaching institutions.

For relations of this work to libraries, the natural centers for such activities, see 021.2 See also 378.13 University extension

*With or without personal guidance***.1 Solitary study Private reading Conversation**

Advantages to be derived from reading. Study alone with or without aid of reading lists, syllabuses, etc.

Reading lists themselfvs, syllabuses and other aids to study belong with other bibliographies (016) or with compends under their subjects. They may however, if preferd, be kept together under 374.1, divided like the classification; e.g. syllabus on English history 374.1942; on library economy 374.102

See 028, for preparation of guides, policy, methods, etc.

**.2 Associated study Clubs****.21 Study clubs**

Class here 'travel clubs' which study about places without traveling to see them. See also 374.25

**.22 Reading circles Book and periodical clubs****.23 Lyceums Literary clubs****.24 Debating societies Oratorical clubs****.245 Interschool and intercollegiate debates**

For interschool literary contests see 371.535

**.25 Traveling clubs Educational value of travel**

Clubs which travel for study. See also 374.21

**.3***With personal guidance*

Either alone or in groups, clubs or classes

**.4 Correspondence teaching Manuscript aids**

Including methods of correspondence teaching

**.43 Societies for encouraging home study****.44-.49 Correspondence schools**

General schools divided like 940-999. Special schools are better clast with their subject, with only a reference here: e.g. correspondence schools of agriculture 630.7

**.5 Lectures**

Single lectures, or series of lectures on different subjects; courses on the same subject unsupported by any other of the 7 factors of a complete extension course: i.e.

1 Lectures	3 Class	5 Guided reading	7 Examination
2 Syllabus	4 Papers	6 Club	



- 374.6 **Extension courses**      **Lecture study**  
 .62      **Lecture study**  
             3 or more lectures on the same subject, with 2 or more of the 7 factors  
 .64      **Extension courses**  
             5 or more lectures on the same subject with 4 or more of the 7 factors  
 .8      **Continuation schools**  
             Summer, winter, vacation, night (adult) etc. German auxiliary schools  
             Divided like 940-999 For evening or night schools see also 379.19  
 .9      **Central organizations, state departments, institutes**  
             N.Y. state home education dept, Brooklyn institute, Cooper institute,  
             Chautauqua, etc.

- 375 **Curriculum**  
 .001      **Order of studies**  
 .002      **Single course**  
 .003      **Parallel courses**  
 .004      **Optional courses**      **Electiv system**  
 .005      **Balanced courses**      **Group system**  
             **Special topics**  
 .006      **Overcrowding curriculum**  
 .007      **Courses for different classes of society**  
             1      **For bredwinning vs culture**  
             2      **Failure of course to develop efficiency**  
 .008      **Courses for schools of special kinds**  
             **Courses in schools of Roman catholic order of St Ann; outline of study**  
             **for common schools; courses in French lycées, etc.**  
             **See also special schools under their respectiv subjects**  
 .009      **Courses for institutions in special countries**  
             **Divided like 900. See also 379.4-.9**

- .01-.9 **Subjects of study**  
             **Divided like the classification 010-999: e.g. 375.5 Place of science in the**  
             **curriculum, 375.84 French literature in the curriculum, 375.88 Classics**  
             **in the curriculum**  
             **Methods of teaching individual subjects, also textbooks, may be kept with**  
             **educational literature by adding letters to 375 as follows: A general, B edu-**  
             **ational value of specific subjects, C place in curriculum, D methods of**  
             **teaching specific subjects, E textbooks;**  
             **e.g. 375.32 B Educational value of political science**  
             **375.32 C Place of political science in the curriculum**

- 376 **Education of women**  
             **See also 396.4**  
 .1      **Physical capacity of women**  
 .2      **Mental capacity of women**  
             **See also 136.1 Mental characteristics as influenced by sex**  
 .3      **Home or domestic instruction**  
             **By tutor or governess. See also 374**  
 .4      **Fashionable education**      **'Finishing' schools**  
             **Discussion. For prospectuses, catalogs, etc, see 376.9**  
 .5      **Convent education**  
             **Discussion. For prospectuses, catalogs, etc, see 376.9**

- 376.6 Higher education of women**  
Secondary and college
- .63 **Secondary: preparatory schools for girls**  
All between primary and college. Discussion. For girls highschools see 379.4-.9; for private preparatory schools see 376.9
- .64 **Influence of college education on women**
- .66 **Associations of college women**  
Association of collegiate alumnae. Alumnae of a single college with that college
- .7 **Coeducation Segregation Separation**  
Discussion of collegiate education of women in separate institutions or those for both sexes, whether in the same or separate classes. See 378 for coeducational institutions, 376.8 for separately organized colleges, either affiliated like Barnard and Radcliffe or independent like Vassar, Smith, etc. Class here by attraction general discussion of coeducation of sexes in college and secondary school
- .8 **Colleges for women**  
Degreeconferring colleges go here. Arrange material of each college by "Table for school and college publications" following 378.99. All other schools for women go in 376.9
- .9 **Special countries and schools: history, reports, etc.**  
Subdivided like 940-999; e.g. 376.943 Education of women in Germany
- 377 Religious, ethical and secular education**  
Relations of religious to secular education. For inculcation as well as actual teaching of definit ethical or religious doctrines see 375; e. g. instruction in duties of citizenship, patriotism 375.172, course in Christian evidences 375.239. Class catalogs, history, etc. of a denominational school regardless of religious affiliation, but class here books dealing in general with schools of a certain denomination or order; e.g. educational system of the Jesuits 377.35
- .1 **Religious instruction Bible in public schools**  
Including sectarian instruction or influence in public schools. Public school teachers in religious garb. Conscience clause of English elementary school code
- .2 **Ethical education**  
Ethical training, without religious teaching, as advocated by ethical societies. See also 170.7 Study of ethics; 375.17 Place of ethics in curriculum
- .3 **Monastic or abbey schools**  
Ecoles congréganistes. Divide like 271. See also 271 Monastic orders; 376.5 Convent education of girls
- .4 **Diocesan schools Cathedral schools**  
Domschulen, stiftschulen
- .5 **Parochial schools**  
See also 257 Parochial schools
- .6 **Missionary schools**  
Establishment and conduct of schools as part of mission work. See also 266 Missions
- .7 **Charity schools**  
Mainly for elementary education. See also 361 Charitable institutions
- .8 **Church and education**  
Subdivided like 280; e.g. 377.82 Relation of Roman catholic church to education. Discussion of denominational schools or educational associations e.g. 377.82 Association of Catholic colleges of United States  
See also 261.5 Church and intellectual development
- .9 **Nonchristian religions and education**  
Subdivided like 290; e.g. 377.97 Relation of Mohammedanism to education

378 Colleges and universities

With power to confer degrees. For men only and for both sexes. For women's colleges see 376.8

- .01 **Definition of college and university**      **Aim**  
 Advantages and influence of college training; e.g. on business capacity
- .014 **College terminology, 'slang'**  
 Including also student slang. See also 427, 437, etc.
- .05 **Academic periodicals**  
 Periodicals devoted to college and university interests. Those issued by colleges, schools, etc. are scattered either by subject or under college numbers
- .06 **General college associations**  
 Association of New England colleges See also 370.6
- .058 **Associated alumni**      **University clubs**  
 For alumni associations of any one college. see T under college number
- .069 **Duties of college men as a body**
- .1 **Organization**      **Government**      **Location**      **Scope, field**  
 Classes, colleges, graduate departments, etc.
- .11 **Administrative officers**
- .113 **Disciplinary officers, judicial corps, university court**  
 President, deans, etc.
- .12 **Teaching staff**      **Faculty**  
 Exchange of professors. For qualifications see 371.11
- .121 **Freedom of teaching**  
 See also political science, 323.444
- .13 **University extension**  
 Conducted by universities. See also 374
- .14 **College year**      **Summer or vacation instruction**  
**All the year session**
- .15 **Location and size**      **Large vs small**
- .153 **City vs country colleges**
- .16
- .17
- .2 **Academic degrees and costume**      **College colors**  
 See also 614.31      **Medical degrees**
- Degrees**
- .21 **Degree conferring body and powers**  
 College, university or state. See also 614.21      **State regulation of medical education**
- .22 **Graded degrees**  
 Pass, honor, cum laude, magna cum laude, etc.
- .23 **Degrees in course**  
 Advanced degrees conferred at specified periods on graduates in good standing, without evidence of advanced attainments

- 378.24 Degrees for completion of courses  
     With or without examination
- .241 Time and residence required Length of college course
- .242 Subjects allowable for liberal degree  
     Whether technical courses should be credited toward liberal degrees
- .243 Differentiation of degrees: B.A. B.S. B.L. etc.
- .244 Degrees on examination  
     With or without residence
- .25 Honorary degrees
- .26 Degrees by purchase or forgery  
     **Insignia**
- .27 Seal Coat of arms Motto
- .28 Colors: institution and class College flags
- .29 Academic gowns and hoods
- .3 Endowment of research Fellowships Scholarships Student aid
- .31
- .32 Endowment of research  
     Carnegie institution. Incentivs to research. Prizes. Opportunities for research. Nobel prizes. Competitions
- .33 Fellowships
- .34 Scholarships  
     Rhodes scholarships Traveling scholarships
- .35
- .36 Student aid societies Student loan funds
- .37 College employment bureaus Faculty committees  
     Other organizations for securing work for students
- .38 Student expenses Extravagance Economy
- .4-.98 **Special countries and colleges: history, reports, etc**  
     For women's colleges, see 376.8  
     Subdivide like 940-999; e.g. 378.42 English universities; 378.741 Maine colleges  
     The various colleges of any section may be given each a number or be arranged alphabetically. Under each college arrange publications by the following table, placing these letters *after* the letter (or letter and figures) used to designate the college; e.g. a history of Harvard college would be markt 378.744 H E, and a second history would be numberd 378.744 H E1. The practical convenience of this plan outweighs the objection that it introduces classification into the book numbers  
     If preferd, colleges and universities may be arranged alphabetically under continent number, insted of being clast first by country or state; e.g. European universities under 378.4 in alfabetic order regardless of country. United States colleges and universities all in one alfabet under 378.73
- .99 **Professional, technical and other special schools**  
     **Professional education**  
     Best kept with subject, but may be compactly groupd here. Divided like the classification: e.g. 378.992 Theologic schools, 378.9934 Law schools, 378.9961 Medical schools

SOCIOLOGY

TABLE FOR SCHOOL AND COLLEGE PUBLICATIONS

- A Charter and statutes
- B Trustees Regents Resolutions, reports, etc
- C Administration President, chancellor Reports, etc
- D Finances Treasurer's reports
- E History Foundation, growth, etc
- F Biografy Necrology
- G General catalogs Triennials, etc
- H Annual catalogs Attendance, registers, etc
- I Handbooks Circulars of information
- J Bulletins Official periodicals
- K Commencements, inaugurals, etc Baccalaureate and other addresses
- L Programs Tickets Memorabilia
- M Faculty (as a body) Publications Regulations Certificates for admission
- N Lectures Class manuals Examination questions
- O Student theses Orations, essays, etc
- P Student catalogs Society annuals, etc
- Q Student periodicals
- R Student societies, including periodicals
- S Student miscellany Songs Class day, etc
- T Alumni Societies, committees, etc
- U Classes Histories, records, etc
- V Pictures Class albums
- W Bildings and grounds Descriptions, maps, etc
- Z Schools: divinity, law, medical, etc

379 Public schools Relation of state to education

- .I Public school system
- .II School funds
- .I2 National and state aid to education
  - See also 336.14 Finance
- .I21 Public aid to private and sectarian schools
- .I23 Land grants
- .I24 Subsidies
- .I3 Local support
  - Taxation Bonds Endowment Nonresident tuition See also 336.28 Taxation

DECIMAL CLASSIFICATION

- 379.14 School laws and regulations School age  
Divided like 940-999
- .15 School supervision and control: national, state  
 and local Centralization
- .151 National
- .152 State: department, inspectors, etc.
- .153 Local: superintendent, school committee, board  
Supplies, free textbooks, etc. For school meals see 371.716
- .154 Individual: parents and others
- .156 State textbooks
- .16 Public colleges and universities: national, state  
 and local  
Only discussion here; for individual colleges see 378.4-.9
- .17 Secondary schools  
Discussion. For individual schools see 379.4-.9
- .171 Highschools Academies  
6 year highschools
- .172 Grammar schools
- .173 Rural schools
- .175 Central plan Conveying pupils
- .18 Primary schools Kindergartens  
Questions of public maintenance. For individual schools see 372.9
- .19 Evening schools  
See also 374.8
- .2 Illiteracy Instruction of illiterates
- .21 Illiteracy and crime Education and crime  
 Criminal illiterates
- .22 Illiteracy and pauperism Indigent illiterates  
See also 339 Pauperism; 362.5 Pauper asylums
- .23 Compulsory education  
See also 371.52 Truancy
- .24
- .3 Public vs private and endow schools
- .4-.9 Special countries, sections, cities, etc.

Subdivided like 940-999: e.g. 379.73 Reports of U.S. commissioner of education; 379.744 Education in Massachusetts; 379.7471 in New York city. Keep state departments separate from city and other local systems by numbering state reports, A1-A8, using A9 followed by author's initial (lower case) for history of schools of any state; e.g. Pitch's *New York public schools* 379.747 A9f

## 380 Commerce Communication

The technical side of these questions goes mostly in 650 Useful arts. Here belong discussions of social and political relations; e.g. government control of railroads, telegraphs, etc.

381 Domestic trade

382 Foren trade Consular reports

Trade between mother country and colony

383 Postal servis

See also 353.4 U. S. administration

384 Telegraf Cable Telephone

See also 621.38 and 654

385 Railroad and express

Government ownership or control. Interstate commerce commission. See also 656  
Railroading

386 Canal and highway transportation

See also useful arts, 656 Transportation

387 River and ocean transportation

History of shipping. Ship subsidies

See also useful arts, 656 Transportation

388 City transit

See also engineering 625

389 Weights and mesures Metrology

See also 658 Business manuals

## 390 Customs Costumes Popular life

These heads are for discussions by topic. Customs, etc. of any special country go in 913-919. Books on a special topic in a special country go here, as the grouping by topics is the more important; e. g. Marriage in Japan is 392.5, but Japanese customs, 915.2. For customs of primitiv man, see 571

### 391 Costume and care of person

See also 646 Clothing; 613.4 Hygiene

- .1 Costumes of men
- .2     "     " women
- .3     "     " children
- .4 Extremities: hats, gloves, sandals, shoes, stockings, etc.
- .5 Hair dressing     Barbers  
    See also 646.7 Toilet
- .6 Care of person     Bathing     Toilet
- .7 Ornaments and jewelry
- .8

### 392 Birth, home, and sex customs

- .1 Birth customs: christening, circumcison
- .2 Sacrifice and exposure  
    See also ethics, 173.4 Infanticide
- .3 Family and home relations
- .4 Betrothal
- .5 Marriage
- .6 Sex relations     Concubinage

### 393 Treatment of the dead

See also 614.6 Public helth

- .1 Earth burial  
    See also 719 Cemeteries
- .2 Cremation
- .3 Embalming, mummies
- .4 Exposure
- .9 Special funeral customs: wake, suttee

### 394 Public and social customs

- .1 Eating, banquets
- .2 Shows and diversions
- .3 Games     Dances, etc.
- .4 Ceremonies
- .5 Processions
- .6 Fairs
- .7 Chivalry     Tournaments
- .8 Dueling     Suicide  
    See also 179.7 Ethics; law, 340.3 Trial by ordeal



395 **Etiquet**

Codes of social procedure and behavior. For social ethics see 177

396 **Woman's position and treatment**

For costumes, see 391.2; biography, 920.7

If a special library about women is wisht, 396 is the best place for it. Suffrage, education, and employment can then be put here, with references from 324.3, 376, 331.4, etc. but it would be unwise to bring everything about women here, e. g. to remove 618, Diseases of women, from the rest of medicin. Books on woman in general go in 396

.1 **Emancipation**

.2 **Legal status, property, rights, etc.**

.3 **Political status**

See 324.3, Suffrage; 329.83, Woman suffrage party

.4 **Education**

See also 376, Education of women

.5 **Employment**

See 331.4, Labor of women; 371.18, Teachers

Divided like the general classification; e. g. woman as scientist, 396.55; woman's exchange, 396.56; woman as painter, 396.575; woman as author, 396.58, etc.

.6 **Woman in home**

.7 **Delineation of woman in art**

.8 **Delineation of woman in literature**

.9 **Woman in history, politics, war**      **Amazons**

397 **Gypsies Nomads Outcast races**

People without nationalities who do not coalesce with the ruling people among whom they live. This includes Gipsy language, which till recently had no place in the linguistic groups of 400, as the Gipsy people have no place in the geografic divisions of history

398 **Folklore Proverbs, etc.**

See also 291-3 Mythology

This section is for material needed in studying Folklore. Mere stories for children, unless having a value to students of folklore, go in 823, or in J, if there is a Juvenil collection

.1 **Primitiv traditions**

.2 **Legends, tales, traditions**

.3 **Folklore, traditional beliefs and customs, popular superstitions**

.4 **Fairies, elvs, ogers, monsters, etc.**

Bogies, gnomes, dragons, vampires, werewolvs

.5 **Chapbooks**

.6 **Riddles**

.7 **Dream books**

.8 **Song books**

Including only popular collections, hardly ranking with Poetry or Music, but useful in the study of Folklore, etc.

.9 **Proverbs**

399 **Customs of war**

Weapons    War dances    Treatment of captivs    Scalping    Mutilation    Burning  
Cannibalism    See also 623.4 Firearms

# Philology

## 400 Philology in general

In philology the general works put under 400-419 deal almost entirely with the Indo-European languages. They are put here because they cover most of the divisions of this class, and in practis are most convenient here. Under 439, 479 and 489 are placed books limited to the Teutonic, Romance, or Hellenic groups, and under 491 are placed only such general works as are specifically limited to the Indo-European group

- 401 Philology Origin of language
- 402 Compends, outlines
- 403 Dictionaries, cyclopedias
- 404 Essays, lectures, addresses
- 405 Periodicals
- 406 Societies, transactions, etc.
- 407 Education, teaching languages
- 408 Polygraphy Collections

.9 Universal language

.91 Volapük

- 409 History of language

*Geographic Distribution*

409.1.

900 - divided into

## 410 Comparativ

430 - 990

410-419 includes *comparativ* works in *general* and also those on the Indo-European group in general, but general and *comparativ* works on Teutonic group are 439; on Romance group 479; on Hellenic group 489. Everything about an individual language is put with that language

410-418

*See 410-418*

- 411 Orthography Orthoepy Alfabet
- 412 Etymology, derivation
- 413 Dictionaries, lexicography
- 414 Phonology Visible speech
- 415 Grammar, morphology, syntax *sub deinde libet*
- 416 Prosody
- 417 Inscriptions Paleography

See 421.7, 471.7, 481.7, etc. Rare early mss are put in 091

- 418 Texts

- 419 Hieroglyphics

See also 493.1

- .1 Sign language

For def mute alfabet, see 371.912

420

**English philology**

- .1 Philosophy .2 Compendis .4 Essays .5 Periodicals .6 Societies .7 Study and teaching .8 Collectiv works .9 History of the language

*only language worked in  
accused - use for all others  
Language 430 - - -*

421

**Orthography**

See also this hed treated in general grammars placed under 425

.1

**Alfabet**

For def mute alfabet., see 371.912

.2

**Vowels Diphthongs Aspirates**

.3

**Consonants**

.4

**Phonetic spelling Spelling reform**

.5

**Orthoepy**

.6

**Accent**

.7

**Paleografy Incriptions**

.8

**Abbreviations**

For stenografic and other uncommon contractions and abbreviations, see 653 Shorthand

.9

**Punctuation**

422

**Etymology Derivation**

422 is limited to derivation. For inflection, also called etymology, see 425.1

.1

**Origin and laws of language**

.2

**Prefixes Suffixes**

.3

**Reduplication**

.4

**Foren elements**

.5

**Noun forms: case, number, diminutivs**

.6

**Adjectival forms Degrees of comparison**

.7

**Pronominal forms: personal, possessiv, relativ, etc.**

.8

**Verbal forms: moods, tense, voice, etc.**

.9

**Particles: adverbs, prepositions, etc.**

423

**Dictionaries Idioms**

.1 Idioms .2 English .3 German, etc. Put a dictionary of two languages with the less known language. Under 423 put only English-English dictionaries. Put an English-French dictionary with French, 443.2; a French-Latin dictionary with Latin, 473.4. If in several languages, put with 413, or with least known. Put French-French dictionaries 443, not 443.4, so that the standard home dictionaries shall come first in each language. This plan brings together under each of the less known, all the dictionaries for translating either into or from that language. Some prefer to put each dictionary under the first language; i. e. that by which it is alfabeted. This gives under *each* language, regardless of its familiarity, *all* dictionaries for translating *from* it, but none for translating *into* it. These must be sought under the language from which the translation is to be made. For a cosmopolitan library this plan is simplest and best; but in an English library, the first plan, with only English dictionaries in 423, and both *in* and *out* dictionaries together under little known tungs is more convenient. References in either case show what may be found in the other place

424

**Synonyms Homonyms**

- 425 Grammar  
 425 includes general works, covering also orthography and prosody
- .1 Morphology Inflection  
 Divided like 425.2 Syntax; e. g. .5 Nouns, etc. See 422
  - .2 Syntax
  - .3 Arrangement of words and clauses
  - .4 Particular sentences: conditional, hypothetic, etc.
  - .5 Nouns
  - .6 Adjectives Articles
  - .7 Pronouns
  - .8 Verbs
  - .9 Particles
- 426 Prosody  
 See also the head Prosody, in general grammars 425
- .1 Quantity and accent
  - .2 Versification
  - .3 Feet
  - .4 Figures of prosody
  - .5 Meters
  - .6 Rimes
  - .7 Strophe and antistrophe
  - .8 Textbooks for writing verse
  - .9
- 427 Dialects Early forms of language Slang  
 Subdivided by geographic divisions like 942. The Yorkshire dialect is 427.74; Gloucestershire dialect 427.41. The dialects of other languages take the geographic subdivisions of their countries. Dialects not provided for in these heads are placed with the last; e. g. American and Scotch with 427.9. The division by time is made with a 5th figure after 0; the earliest form of the language is marked .01; .09 is used for modern slang, e. g. 427.01 Old English
- 428 School books Texts for learning the language  
 Including only books for *learning* the language, with grammatic or philologic notes, etc. For other works see the literature of the language, 820
- .1 Spelling books
  - .2 First lessons Elementary composition For Rhetoric see 808.  
 Including in other languages books like Fasquelle, Ollendorff, Chardenal, Latin prose, etc. See also 372.6, Elementary grammars
  - .3 Errors of speech Vulgarisms Use of words  
 See 427.09 Slang; 424 Synonyms
  - .6 Elementary readers See also 372.4 Education  
 For primers and primary readers see 372.4. Class here 3d and 4th readers, and put higher readers with literature collections; 808.8 if general, 820.8 if English or English and American, etc.
  - .7 Selections
  - .8 Texts of individual authors  
 With grammatic notes and questions. Preferably class in 800 with cross references here
  - .9 Examination papers
- 429 Anglo-Saxon  
 The above subdivisions of English are used for all other languages and for 410, Comparativ philology

(438.2: First lessons in German)

**430 German**

437.01 Old High German; 437.02 Middle High German

**439 Minor Teutonic**

Including general works on Teutonic group

- .1 Low German
- .2 Frisian Old Saxon
- .3 Dutch Flemish
- .4 Plattdeutsch
- .5 Scandinavian
- .6 Old Norse Icelandic Faroese
- .7 Swedish
- .8 Danish Norwegian
- .9 Gothic

**440 French**

447.9 Canadian French, Creole, etc.

**449 Provençal**

Old French, as the earliest form of the language, is 447.01

**450 Italian**

459 Wallachian

.9 Rumansh

**460 Spanish**

469 Portuguese

**470 Latin**479 Minor Italic Medieval Latin *Jordan*

Including general works on Romance group

**480 Greek**

Divided 487, Greek dialects, like 930; e. g. 487.2 Alexandrian Greek; 487.3 New Testament Greek; 487.81 Macedonian; 487.923 Ionic, etc.

**489 Minor Hellenic Modern Greek**

Including general works on Hellenic group

Works on Latin and Greek together, unless very clearly most useful in the Latin, go with the Greek, which here as well as elsewhere is made to include general works on the ancient classics

**490 Minor languages**

Each language subdivided if wisht like 420 English

**491 Minor Indo-European**

Besides Teutonic, 420-439; Italic, 440-479; and Hellenic, 480-489

This hed, 491, includes general works on the Indo-European tungs, but general works on the Teutonic languages go in 439, on the Romance group in 479, on the Hellenic group in 489, while most of the material placed under 400-419 is really Indo-European; but see also 410

- .1 Indic**
- .2 Sanskrit**
- .27 Sanskrit dialects Prakrit**
- .3 Pali**
- .4 Modern East Indian languages**  
Excluding Dravidian, which is 494
- .41 Sindi**
- .42 Panjabi**
- .43 Hindustani Hindi**
- .44 Bengali**
- .45 Uriya Orissa**
- .46 Marathi**
- .47 Gujerati**
- .48 Singhalese**
- .49**
- .5 Iranian**
- .51 Old Persian**
- .52 Zend (Avestan) Old Bactrian**
- .53 Pehlevi (Huzwaresh)**
- .54 Armenian**
- .55 Modern Persian**
- .56 Ossetic**
- .57 Kurdish**
- .58 Afghani**
- .59**
- .6 Keltic**
- .61 Gadhelic group**
- .62 Irish**
- .63 Gaelic or Scotch**
- .64 Manx**
- .65 Cymric group**
- .66 Welsh or Cymric**
- .67 Cornish**
- .68 Armorican or Bas Breton**
- .69 Basque**
- .7 Russian**
- .79 Ruthenian**

- 491.8 **Other Slavonic**  
     Southeast Slavonic group  
 .81 Bulgarian (Church Slavonic)  
 .82 Servian  
 .83 Kroatian  
 .84 Slovenian  
     West Slavonic group  
 .85 Polish  
 .86 Bohemian  
 .87 Moravian Slovakian  
 .88 Sorbian  
 .89 Polabian  
 .9 **Lettic**  
 .91 Old Prussian  
 .92 Lithuanian  
 .93 Lettish (Livonian)
- 492 **Semitic**  
     Northern group  
 .1 **Aramaic**  
 .19 Babylon and Nineveh cuneiform  
 .2 **Chaldee**  
 .3 **Syriac (Peshito)**  
     Central group  
 .4 **Hebrew**  
 .5 **Samaritan**  
 .6 **Phenician (Carthaginian)**  
     Southern group  
 .7 **Arabic**  
 .8 **Ethiopic (Amharic)**  
 .9 **Himyaritic**
- 493 **Hamitic**  
 .1 **Old Egyptian**  
     See 419 Hieroglyphics  
 .2 **Coptic**
- 494 **Scythian Ural-Altaic Turanian**  
     Davidian Tamil Finnish Turkish Magyar, Hungarian
- 495 **Eastern Asiatic Chinese Japanese**
- 496 **African**  
     Excluding 493 Hamitic, 492.8 Ethiopic, etc. included in families above
- 497 **North American**  
 498 **South American**  
 499 **Malay-Polynesian and other**

# Natural Science

## 500 Science in general

501-509 all have *Science in general* as their subject, but it is treated in these various forms. A periodical on *Chemistry* goes with 540.5, not 505, which is only for periodicals on Science in general. 0 in any class number in any part of the classification shows the subject to be general, not specific

- 501 Philosophy, theories, utilities, etc.
- 502 Compends, outlines Ancient and medieval science
- 503 Dictionaries, cyclopedias
- 504 Essays, lectures, addresses
- 505 Periodicals, scientific magazines
- 506 Societies: transactions, etc.
- 507 Education, methods of teaching and study  
Museums
- 508 Polygraphy: collected works, extracts, etc.
  - .1 Extracts .2 .3 General scientific travels .4—.9 Travels and surveys (if general) divided geographically like 940-999
- 509 History of science

## 510 Mathematics

Works on *Mathematics in general* not limited to any one or two sections, are grouped by form of treatment like Science in general above; i. e. into Mathematical

510.1 Philosophy .2 Collections, compends .3 Dictionaries .4 Essays, papers tracts, letters .5 Periodicals .6 Societies .7 Education .8 Logarithmic and other tables, instruments .9 History

## 511 Arithmetic

See 372.7 Teaching elementary arithmetic

- .1 Systems of arithmetic
  - See also 512.81 Theory of numbers
- .2 Notation and numeration Fundamental rules Abacus
- .3 Prime numbers
- .4 Fractions
- .5 Analysis Permutation and combination
- .6 Proportion and progression
- .61 Magic squares
- .7 Involution and evolution
- .8 Mercantile rules Interest Alligation Mensuration  
Gaging
  - See also 658 Business manuals
- .9 Problems and tables



## 512 Algebra

- .1 Systems of algebra
- .2 Numeric equations      Imaginary expressions
  - .21 Equations, 1st to 4th degrees
  - .22 Higher numeric equations
  - .23 Indeterminate equations      Diophantin analysis
  - .24 Imaginary expressions
- .3 Algebraic equations      Maxima and minima
- .4 Series      Fractions      Binomial theorem      Taylor's theorem
- .5 Combinatory analysis
- .6 Proportion and progression
- .7 Involution and evolution
- .8 Higher algebra
  - .81 Theory of numbers      See 511.1 Systems of arithmetic
  - .82 Theory of equations      Complex variable      See also 517.8
  - .83 Determinants
  - .84 Symmetric functions
  - .85 Elimination: eliminants and discriminants
  - .86 Transformations      Substitutions
  - .87 Quantics
  - .88 Invariants      Covariants      Contravariants
  - .89
- .9 Problems and tables

## 513 Geometry

Plane and solid geometry bound together is put 513. Descriptiv geometry is 515  
See also 744 Mathematic drawing

- .1 Plane geometry
  - .11 Right lines
    - .12 Intersecting lines
    - .13 Parallel lines
    - .14 Triangles
    - .15 Quadrilaterals
    - .16 Other polygons
    - .17 Similarity
    - .18 Areas
    - .19 Maxima and minima
  - .2 Curvs
    - .21 Circles
    - .22 Conic sections
      - .23 Ellipse
      - .24 Hyperbola
      - .25 Parabola
    - .26 Higher plane curvs

- 513.3 Volumetric or solid geometry**
- .31 Lines and planes
  - .32 Intersecting planes
  - .33 Parallel planes
  - .34 Polyedrons
  - .35 Pyramids
  - .36 Prisms
  - .37 Regular
  - .4 With curvd surfaces**
  - .41 Sphere
  - .42 Cone
  - .43 Cylinder
  - .5 Modern geometry**
  - .51 Points Lines Planes Duality
  - .52 Transversals
  - .53 Cones Conics Involution
  - .54 Radical axes and centers of similitude
  - .55 Poles and polars Reciprocal polars
  - .56 Harmonic and anharmonic properties
  - .57 Correspondence Correlation of figures
  - .58 Quadric surfaces: spheroconics, curvs of double curvature
  - .59 Surfaces of higher order: cubics
  - .6
  - .7
  - .8 Absolute or non-Euclidean geometry
  - .9 Problems
- 514 Trigonometry**
- .1 Trigonometric functions General formulas See 522.7
  - .2 Trigonometric series
  - .3 Exponential formulas
  - .4 Solution of trigonometric equations
  - .5 Plane trigonometry: solution of plane triangles; analytic
  - .6 Spheric trigonometry General formulas
  - .7 Solution of spheric triangles
  - .8 Differences of triangles, plane and spheric
  - .9 Problems

515 Descriptiv geometry and projections

See also 744 Mathematical drawing

- .1 **Orthogonal projection on 2 planes**
- .11 Straight lines Planes
- .12 Single curvd lines
- .13 Double curvd lines
- .14 Single curvd surfaces
- .15 Double curvd surfaces
- .16 Surfaces of revolution
- .17 Warpt surfaces
- .18 Intersections of surfaces
- .2 **Isometric and analogous projections**
- .3 **Oblique projection**
- .4 **Conic projection**
- .5 **Spheric projection** See 526.8 Map projection
- .51 Orthografic
- .52 Globular
- .53 Stereografic
- .54 Polar
- .55 Gnomonic
- .56 Conic
- .57 Cylindric
- .6 **Perspectiv** See also 742 Drawing
- .61 Plane Parallel Oblique Angular  
See also Scene painting
- .62 Cylindric  
See also Panorama painting
- .63 Shadows; natural and artificial light
- .64 Reflections
- .65 Circles, cylinders and spheres
- .66 Distortions and corrections
- .67 Human figure
- .68 New methods Special devices
- .7 **Shades and shadows**
- .8 **Stereotomy**
- .81 Stonecutting See also 693.12 Masonry; 730 Sculpture
- .82 Carpentry See also 694 Bilding
- .83 Stairbilding See also 694.8 Bilding; 729.39 Architectural design

## 516 Analytic geometry

- |     |  |                               |
|-----|--|-------------------------------|
| .1  | }  | <b>Plane loci</b>             |
| .11 |  | Right lines                   |
| .12 |  |                               |
| .13 |  |                               |
| .14 |  | Transformation of coordinates |
| .2  |  | <b>Curvs</b>                  |
| .21 |  |                               |
| .22 |  | Conic sections                |
| .23 |  | Ellipse                       |
| .24 |  | Hyperbola                     |
| .25 |  | Parabola                      |
| .26 |  | Higher plane curvs            |
| .3  |  | <b>Loci in space</b>          |
| .31 |  | Right lines                   |
| .32 | Planes   |                               |
| .33 |  |                               |
| .34 | Transformation of coordinates                              |                               |
| .4  | <b>Curvd surfaces</b>                                      |                               |
| .41 |  |                               |
| .42 | Conicoids or quadric surfaces                              |                               |
| .43 | Ellipsoid  |                               |
| .44 | Hyperboloid  |                               |
| .45 | Paraboloid   |                               |
| .46 | Surfaces of higher order                                   |                               |
| .5  | <b>Modern analytic geometry</b>                            |                               |
| .51 | Systems of coordinates                                     |                               |
| .52 | Abridged notation  |                               |
| .53 | Conics   |                               |
| .54 | Higher plane curvs   |                               |
| .55 | Poles and polars      Reciprocal polars                    |                               |
| .56 | Harmonic and anharmonic properties                         |                               |
| .57 | Method of projection                                       |                               |
| .58 | Quadric surfaces: sphericonics, curvs of double curvatures |                               |
| .59 | Surfaces of higher order: cubics                           |                               |
| .6  |  |                               |
| .7  |  |                               |
| .8  | <b>Quaternions: calculus of direction and position</b>     |                               |
| .9  | <b>Problems</b>  |                               |

CARTESIAN

## 517 Calculus

- .1 **Infinitesimal Method of exhaustions**  
Differential and Integral calculus, *bound together*, is put here
- .2 **Differential**
  - .21 Series
  - .22 Indeterminate forms
  - .23 Change of the independent variable
  - .24 Theory of plane curvs    Curv tracing
  - .25
  - .26 Theory of curvd surfaces
  - .27 Maxima and minima
  - .28
  - .29 Problems
- .3 **Integral**
  - .31 Formulas of reduction and integration
  - .32 Definit integrals    Eulerian integrals
  - .33 Rectification    Quadrature    Cubature
  - .34 Multiple integrals
  - .35 Laplace's functions    Bessel's and allied functions
  - .36 Elliptic and hyperelliptic functions    Abelian functions
  - .37
  - .38 Differential and partial differential equations
  - .39 Problems and tables
- .4 **Of variations**
- .5 **Of functions**
- .6 **Of finite differences**
- .7 **Of operations**
- .8 **Of imaginaries    Complex variables**    See also 512.82
- .9 **Problems**

## 519 Probabilities

- .1 **General principles    Direct and inverse probabilities**
- .2 **Mathematical and moral expectation**
- .3 **Testimony: decisions of juries and tribunals**
- .4 **Probability of future events deduced from experience**
- .5 **Life contingencies: annuities, life insurance**    See 368.3
- .6 **Errors of observation    Mean or average values**
- .7
- .8 **Method of least squares**
- .9 **Problems**

**520 Astronomy**

520.1 Astrology, see 133.5    520.2 Compendis    520.3 Dictionaries    520.4 Essays  
 520.5 Periodicals    520.6 Societies    520.7 Study and teaching of astronomy  
 520.8 Collections, etc.    520.9 History of astronomy  
 See also note under Natural science in general, 500-509

**521 Theoretic astronomy**

Mathematical investigation of celestial motions, specially of the Solar system.  
 Motions of individual bodies are classed under separate heads in 523

- .1 Celestial dynamics**
- .11 General laws of equilibrium and motion    See also 531.2
- .12 Law of universal gravitation and motion relativ to the sun  
       See also 531.51
- .13 Problem of 3 bodies
- .14 Figures of heavenly bodies
- .15 Rotation of heavenly bodies
- .2 Geocentric and heliocentric place**
- .21 Plane of orbit in space
- .22 Position of orbit in its plane
- .23 Position of body in its orbit
- .24 Position of body in space
- .25 Heliocentric longitude and latitude
- .26 Geocentric longitude and latitude
- .27 Variations of right ascension and declination
- .28 Variations of longitude and latitude
- .29
- .3 Orbits**
- .31 Definitions of orbits
- .32 Determination from 3 observations
- .33 Determination from 4 observations
- .34 Variation of elements of orbit
- .35 Correction of approximate elements of orbit
- .36 Application of method of least squares
- .37 Kepler's problem
- .38 Equation of center and radius vector
- .39
- .4 Perturbations**
- .41 Mutual action of planets
- .42 Action of satellites
- .43 Nonsphericity of planets
- .44 Resisting medium
- .5 Theory of planets**
- .6 Theory of satellites**
- .7 Theory of comets**
- .8 Theory of eclipses**
- .9 Precession and nutation**    See also 522.95-.96

## 522 Practical and spheric

**.1 Observatories**

- .11 General plan, location
- .12 Material and mechanism of dome, drum, etc.
- .13 Transit bildings, wings, etc.
- .14 High altitude observatories
- .15 Portable
- .16
- .17
- .18
- .19 History, reports and serial publications of observatories

**.2 Telescopes** See also 535.83 Optics

- .21 Reflecting
- .22 Refracting
- .23 Eye piece and accessories
- .24 Object glass
- .25 Mounting, tube, etc.
- .26 Equatorial mounting
- .27 Transit mounting
- .28 Observing chairs, etc.
- .29 Famous telescopes

**.3 Meridional instruments**

- .31 Finding meridian line
- .32 Mural circles
- .33 Meridian circles
- .34 Transit: placing in position
  - .35 Collimation constant
  - .36 Level constant
  - .37 Azimuth constant
  - .38 Other constants, flexure, index error, etc.
  - .39

**.4 Extra meridional instruments**

- .41 Sextant and quadrant, reflecting circle, astrolabe
- .42 Altazimuth
- .43 Zenith telescope
- .44 Transit out of meridian
- .45 Heliometer
- .46 Equatorial
- .47 Prime vertical
- .48
- .49

**522.5****Auxiliary instruments**

- .51 Sidereal clock and chronometer
- .52 Electrochronograf
- .53 Micrometers
- .54 Personal equation machine    See 522.97
- .55 For illumination
- .56 For solar observation
- .57 Artificial horizons
- .58 Helio-stat
- .59

**.6****Auxiliary observations**

- .61
- .62 Photometry    See 535.2 Optics
- .63 Photografy    See 535.85 Optics; 770 Fotografy
- .64
- .65 Polarization    See 535.5 Optics
- .66
- .67 Spectroscopy.    See also 535.84  
Technic; application to astronomy and use with telescope. For results see  
523.37, 523.57, 523.67, 523.77, 523.87
- .68
- .69

**.7****Spheric astronomy**    See also 514.6

- .71 Celestial sphere    Spheric coordinates
- .72 Rectangular coordinates
- .73 Transformation of coordinates
- .74 Differential variations of coordinates
- .75 Interpolation
- .76 Meridian line    Variation of compass
- .77 Reduction of observations to the meridian
- .78 Use of globes
- .79

**.9****Corrections**

- .91 Parallax
- .92 Refraction    See 535.3 Optics
- .93 Semidiameter of celestial bodies
- .94 Aberration
- .95 Precession    See 521.9
- .96 Nutation    " "
- .97 Personal equation    See 522.54
- .98 Instrumental errors
- .99



## 523 Descriptiv astronomy

**.1 Universe**

- .11 Structure of universe
- .12 Nebular hypothesis
- .13 Plurality of worlds
- .14 Space and its temperature
- .15 Resisting medium
- .16 Cosmic dust
- .17 Repulsiv force

**.2 Solar system**

- .21 Distributiv laws of planets
- .22
- .23 Conjunctions and oppositions
- .24 Motion of solar system in space
- .25 Constitution of planetary system
- .26 Stability of solar system    Ecliptic
- .27
- .28 Orrery, planetarium, gyroscope, etc.    See 531.34 Rotation
- .29 Zodiac

**.3 Moon**

- .31 Constants: size, mass    Distance and parallax
- .32 Heat and light    Phases
- .33 Orbit and motions
  - Sidereal month, tropical, perigee and apogee, sun and earth's attraction, librations. See also 521.6 for Orbit
- .34 Features of surface: mountains, plains, etc.
- .35 Atmosphere
- .36 Physical condition
- .37 Spectrum
- .38 Eclipses
- .39 Charts, photografs, etc.

**.4 Planets**

- .41 Mercury and intramercurial
- .42 Venus
- .43 Mars
- .44 Asteroids
- .45 Jupiter
- .46 Saturn
- .47 Uranus
- .48 Neptune and transneptunian
- .49 Charts, photografs, etc.

- 523.5 Meteors and zodiacal light**
- .51 Aerolites
  - .52 Fireballs
  - .53 Meteoric showers, radiant points, etc.
  - .54 Systems of meteors
  - .55
  - .56 Connection of comets and meteors
  - .57 Spectrum
  - .58 Hight of atmosphere from observation
  - .59 Zodiacal light Aurora (borealis and australis)
  - .6 Comets**
  - .61 Appearance and development
  - .62
  - .63 Orbits
  - .64 Remarkable comets
  - .65
  - .66 Physical constitution
  - .67 Spectrum
  - .68
  - .69 Charts, photographs, etc.
  - .7 Sun**
  - .71 Constants, dimensions
  - .72 Heat and light: theories as to source
  - .73 Apparent motion Rotation See 525.38 Tables
  - .74 Spots, faculæ, and other features of surface
  - .75 Prominences, chromosphere, corona
  - .76 Theories of physical constitution
  - .77 Spectrum
  - .78 Eclipses
  - .79 Charts, photographs, etc.
  - .8 Stars**
  - .81 Stellar parallax, distance
  - .82 Heat and light Photometric observations Magnitude  
Visibility
  - .83 Proper motion, stardrift
  - .84 Variable, double, and multiple stars
  - .85 Clusters and nebulas
  - .86 Physical constitution
  - .87 Spectrum
  - .88
  - .89 Constellations, maps, catalogs, etc.
  - .9 Transits and occultations**
  - .91 Transits of Mercury

- 523.92 Transits of Venus and solar parallax
- .93 Delisle's method
- .94 Halley's method
- .95 Photographic method
- .96 Transits of Venus to 1874
- .97 Transit of 1882
- .98
- .99 Occultations

[524] Maps, observations, and tables

Series of observatory publications may be kept together under 524, or under 522.19 with the history and reports of the observatory. Special maps or observations, e. g. on Sun or Moon, are better placed in subsections 9 *under those heads* in 523, with charts and photographs, e. g. 523.79, thus leaving these bracketed numbers 524 to 524.9 blank. They are printed to provide a place in case it is wish to keep *all* maps and observations together

- .3 **Of moon** See also 523.39
- .4 **Of planets** See also 523.49
- .5
- .6 **Of comets** See also 523.69
- .7 **Of sun** See also 523.79
- .8 **Star catalogs** See also 523.89]

525 Earth

- .1 **Constants**
- .11 Mass Weight
- .12 Density
- .13 Dimensions, diameter
- .14 Figure: geomorfy, equatorial belt
- .15 Distance from sun
- .16 Parallax
- .2 **Heat Light**
- .3 **Orbits and motions**
- .31 Period of revolution
- .32 Obliquity of ecliptic to equator
- .33 Eccentricity
- .34 Perturbations
- .35 Rotation
- .36 Foucault's pendulum
- .37 Deviation of falling bodies and projectils
- .38 Tables of the sun Apparent motion See 523.73 Sun
- .4 **Geografic coordinates**
- .41 Finding latitude See also 527.1
- .42 By meridian altitudes
- .43 By Pole star
- .44 By altitude of 2 or more stars
- .45 By other methods
- .46 Finding longitude See also 527.2
- .47 Terrestrial means: chronometers, telegraf, signals
- .48 Celestial signals: eclipses, occultations, transits
- .49 Lunar methods

## 525.5

**Seasons**

- .51 Effect of inclination of equator to ecliptic
- .52 Effect of eccentricity of earth's orbit
- .53 Secular changes of seasons
- .54 Seasons on Mars and other planets

.6

**Tides**

- .61 Mathematical theory
- .62 Effect of sun and moon in producing tides
- .63 Distribution, diurnal inequality, spring and neap, priming and lagging
- .64 Establishment of a port Coast form modification
- .65 Velocity of hight of tide wave
- .66 Tides on inland seas
- .67 Supposed effect in retarding Earth's revolution
- .68 Tide registering and predicting machines
- .69 Tide tables

.7

**Twilight**

## 526

**Geodesy**

526.2-.8 apply to surveys of large tracts, requiring allowance for earth's curvature and more exact methods of determination. For local surveys see 529.6

.1

**Theory and determination of Earth's figure**

- .11 Potentials of ellipsoids
- .12 Equilibrium of rotating spheroid
- .13 Law of ellipticity
- .14 Airy's and Pratt's theories as to attraction of mountains
- .15 Determination of figure by Airy, by Bessel, and by Clarke
- .16 Ellipsoidal figure and position of axes
- .17 Geoidal figure

.2

**Base mesuring and apparatus**

- .21 Standards of length and temperature
- .22 Apparatus of Struve, Bessel, Colby, U. S. coast survey, U. S. lake survey, etc.
- .23 Adjustments of apparatus
- .24 Location of base line
- .25 Field operations
- .26 Calculation of results and corrections
- .27 Verification

.3

**Field work of triangulation**

- .31 Reconnaissance
- .32 Stations
  - Names, signals, tripods, scaffolds and towers, surface and underground monuments
- .33 Observations, instruments and records
- .34 Reduction to station's center
- .35 Corrections for phase of signal and eccentricity
- .36 Spirit leveling
- .37 Barometric leveling
- .38 Trigonometric leveling
- .39

These are methods. See 531.53, for results, lists of hights, etc.

- 526.4 **Computation of triangulation**
- .41 Spheric excess
  - .42 Legendre's theorem
  - .43 Chord process
  - .44 By spheric trigonometry
  - .45 By spheroidal trigonometry
    - See also application of least squares, 522.6
  - .46 **L M Z formulas and applications**
  - .47 Direct deduction by Bessel
  - .48 Deduction by Puissant
  - .49 Tables for computation
  - .5 **Theory of least squares in adjustment of figures, etc.**
  - .51 Method of independent angles
  - .52 Adjustment of a quadrilateral
  - .53 Adjustment of triangulation net
  - .54 Method of directions
  - .55 Adjustment for closure of a circuit
  - .56 Method of repetitions
  - .57 Adjustments of base measures
  - .58 Adjustments of leveling
  - .6 **Astronomic determinations and their connection with geodetic results**
  - .61 Latitude determinations
  - .62 Longitude determinations
  - .63 Azimuth determinations
  - .64 Effect of irregularities of Earth's surface on latitude longitude and azimuth
  - .65 Effect of same on angles of triangle
  - .7 **Gravity experiments and results**
  - .71 Mathematical theory
  - .72 Pendulum apparatus
  - .73 Pendulum operations
  - .74 Corrections
  - .75 Reduction of results
  - .8 **Map projections** See 515.5 Spheric projections
  - .81 Prospectiv projections
  - .82 Orthomorphic projections
  - .83 Development projections
  - .84 Zenithal projections
  - .85 Equivalent projections

- 526.9 Surveying**
- .91 Instruments and methods See 526.2
  - .92 Measurement of distances
  - .93 Measurement of angles
  - .94 Measurement of heights
  - .95 Leveling See 526.36-38
  - .96 Plotting
  - .97 Computation of areas
  - .98 Topographic drawing
  - .99 For special purposes: military, naval, railroad, mining, etc.
- 527 Navigation**
- .1 Finding latitude at sea See also 525.41
  - .2 Finding longitude at sea See also 525.46
  - .3 Finding time at sea See also 529.74
  - .4 Sumner's method
  - .5 Great circle sailing
- 528 Ephemerides Nautic almanacs**
- .1 American
  - .2 English
  - .3 German
  - .4 French
  - .5 Italian
  - .6 Spanish
  - .7 Slavic
  - .8 Scandinavian
  - .9 Construction of ephemeris
- 529 Chronology**
- .1 Sidereal and solar day  
Apparent and mean time, equation of time, causes of inequality
  - .2 Solar year, months
  - .3 Calendars; including early and Oriental
  - .4 Calendar of Julius Caesar
  - .5 Calendar of Gregory, 1582- Almanacs
  - .6 Ecclesiastic calendar: determination  
For feasts, etc. and calendars themselves, see 264.021, 264.031, etc.
  - .7 Horology
  - .71 Finding time by transit
  - .72 Finding by equal altitudes
  - .73 Finding by single altitude
  - .74 Finding by sextant See also 527.3
  - .75 Time systems, and standards
  - .76 Distribution of time
  - .77 Cosmic time
  - .78 Instruments for measuring: dials, hourglasses, clocks, watches, etc.  
See 522.51 for Sidereal clocks and chronometers  
See 681 for Clock and watch making
  - .79

# 530 Physics

Like Science in general: viz, general works only are arranged  
 530.1 Philosofoy .2 Compendis, textbooks .3 Dictionaries .4 Essays, lectures, etc.  
 .5 Periodicals .6 Societies .7 Education, methods of teaching, experiments  
 .8 Physical units, mesuring instruments .9 History

## 531 Mechanics

- .1 Pure motion Kinematics
- .2 Statics Grafic statics
- .21 Force and its mesure
- .22 Composition of forces and motions
- .23 Moments
- .24 Parallel forces Center of gravity
- .3 Dynamics Kinetics
- .31 Rectilinear motion
- .32 Vibration
- .33 Undulation
- .34 Rotation
- .35 Centrifugal and centripetal force
- .4 Work Friction See 621.89 Lubrication
- .41 Unit of work
- .42 Diagram of work
- .43 Laws of friction Modulus of machines
- .44 Sliding friction
- .45 Rolling friction
- .5 Gravity
- .51 Law of universal gravitation
- .52 Laws of falling bodies
- .53 Pendulum
- .54 Mass, density, etc.
- .55 Projectils
- .56
- .57
- .58 Apparatus for illustration
- .6 Conservation of energy
- .7
- .8 Machines Transmission of force  
 See also 621.8 Mechanism of transmission
- .81 Lever and balance
- .82 Wheel and axle
- .83 Cord and catenary
- .84 Pulley
- .85 Inclined plane
- .86 Wedge
- .87 Screw
- .88
- .9 Tables Problems Questions

## 532 Liquids Hydrostatics Hydraulics

- .1 Properties of liquids Pressure
- .2 Equilibrium of liquids
- .3 Buoyant effects Floating bodies
- .4 Specific gravity Hydrometer
- .5 Liquids in motion Hydrodynamics
  - .51 Theoretic flow
  - .52 Orifises, adjutages, fluid vein
  - .53 Weirs, overfalls
  - .54 Pipes, open channels, rivers
  - .55 Bends, valvs, sudden enlargements and contractions
  - .56 Efflux; variable pressure
  - .57 Hydrometry Velocity
  - .58 Impulse and resistance
  - .59 Theory of waves
- .6 Capillary attraction
- .7 Osmose Absorption
- .8 Applications Machines See 621.2 Water engines

Except for libraries making Physics much more prominent than Useful arts, all the 'Applications' will be more useful under their proper heds in Useful arts. It is better to keep all the material in one place, referring to it from the other, rather than attempt division

  - .81 Hydraulic press See also 621.266
  - .82 Hydraulic engin See also 621.25
  - .83 Water ram See also 621.27
  - .84 Water wheels See also 621.21
  - .85 Water blast See also 621.269
- .9 Tables Problems Questions

## 533 Gases Pneumatics

- .1 Properties of gases and vapors Adsorption
- .2 Laws of compressibility
- .3 Atmosphere
  - .4 Barometer
  - .5 Air pump
  - .6 Aeronautics
- .7 Kinetic theory of gases
- .8 Applications See 621.6 Blowing and pumping engines

Preferably clast in Useful arts, see 532.8, note

  - .82 Manometer Pressure gages See 621.18 Steam generation
  - .83 Condensing pump
  - .84 Force pump
  - .85 Suction pump
  - .86 Diving bell
  - .87 Forge bellows
  - .88 Pneumatic dispatch
- .9 Tables Problems Questions



- 534 Sound Acoustics
- .1 Theory Undulations
  - .2 Propagation of sound: velocity, diffraction
  - .3 Musical sound Tuning forks See also 781.1 Theory of music
  - .4 Analysis of sounds Resonators
  - .5 Superposition of vibrations
  - .6 Graphic representations
  - .7 Physiologic: ear and larynx  
See also 611.85 Anatomy; 612.85 Physiology; 612.78 Voice; 617.8 Surgery; 362.1 and .4 Hospitals; 152.2 Psychology
  - .8 Applications Preferably clast with topics elsewhere See 532.8, note
  - .81
  - .82
  - .83 Signals in navigation See also 654.9 Communication
  - .84 Applications to architecture
  - .85 Musical instruments See also 780 Music
  - .86 Phonograf
  - .9 Tables Problems Questions

- 535 Light Optics
- .1 Theory
  - .2 Propagation Velocity Measurement of light
  - .3 Reflection Refraction Absorbtion  
See also 522.92 Astronomy
  - .4 Dispersion Diffraction Interference
  - .5 Polarization Polariscope Double refraction
  - .6 Color
  - .7 Physiologic: eye  
Optical principles of sight. See also Eyes in Relativ index
  - .8 Applications Preferably clast with topics elsewhere See 532.8, note
  - .81 Lenses and prisms
  - .82 Microscopes and magnifiers See also 578 Microscopy
  - .83 Telescopes See also 522.2 Astronomy
  - .84 Spectroscopes and spectrum analysis  
Most general number See also Spectroscopy, Spectrum, in Relativ index for other relations and applications
  - .85 Fotografy See also 770
  - .86 Other applications of lenses
  - .87 Mirrors and reflecting instruments
  - .88 Lighthouses See also 627.9 Harbor engineering; 656 Commerce
  - .89
  - .9 Tables Problems Questions

## 536 Heat

- .1 **Theory Nature**
- .2 **Communication**
- .3 **Action of bodies on heat**
- .31 Reflection
- .32 Refraction
- .33 Radiation
- .34 Absorption
- .35 Diathermancy
- .4 **Effects Action of heat on bodies**
- .41 Expansion
- .42 Liquefaction
- .43 Solidification
- .44 Vaporization and condensation
- .45 Incandescence
- .46 Combustion Flame
- .5 **Temperature** See also 551.52 Meteorology; 613.18 Hygiene
- .51 Thermometry
- .52 Pyrometry
- .53 Electric methods of measuring
- .6 **Calorimetry**
- .7 **Thermodynamics Mechanical equivalent**
- .8 **Applications** Preferably go in Useful arts. See 532.8, note
- .81 Steam engines See 621.1 Engineering
- .82 Gas engines See 621.43 Engineering
- .83 Heating See 697, 621.19, 628.8, 644
- .84 Ventilation See 697, 622.4, 628.8
- .9 **Tables Problems Questions**

## 537 Electricity

- See also 621.3 Electric engineering
- .1 **Theory Nature**
- .2 **Static**
- .21 Quantity, potential
- .22 Conduction, distribution
- .23 Machines
- .24 Condensers
- .25 Electrometers
- .3
- .4 **Atmospheric Lightning rods**
- .5 **Dynamic**
- .51 Theory of coils Constants
- .52 Induction spark
- .53 Induction spark in rarified gases
- .6 **Electro dynamics**
- .7 **Electric measurements**

- 537.8 Applications** Preferably class in Useful arts. See 621.3, and 532.8, note
- .81 **Telegraf** For telegraf business see 654.
  - .82 **Telephone Microfone**  
For telephone business see 654.6
  - .83 **Dynamos** Electric lighting
  - .84 **Tranmission of power** Storage
  - .85 **Electrometallurgy**
  - .86 **Galvanometers** Batteries Coils
  - .87 **Medicin** See also 615.84
  - .88 **Electric signals** See 654.9
  - .9 **Tables Problems Questions**

**538 Magnetism**

For 'Animal magnetism,' Mesmerism, etc., see 134

- .1 **Theory Properties of magnets Lines of force**
- .2 **Communication Induction Touch**
- .3 **Electromagnetism**
- .4 **Diamagnetism**
- .5
- .6
- .7 **Terrestrial magnetism**
- .8 **Applied Magnetic machines**
- .9 **Tables Problems Questions**

**539 Molecular physics**

- .1 **Theory Molecular structure** Vortex rings
- .2 **Properties of solids**
- .3 **Elasticity Torsion**
- .4 **Strength of materials**  
See also 620.1 Engineering materials
- .5 **Permanent displacement of molecules**
- .51 **Malleability**
- .52 **Ductility**
- .53 **Hardness**
- .54 **Tempering**
- .6 **Intermolecular forces**
- .7
- .8
- .9 **Tables Problems Questions**

**540 Chemistry**

Pure or theoretic chemistry

- .1 Theories, alchemy, phlogiston .2 Compendis .3 Dictionaries, cyclopedias  
 .4 Essays, lectures, etc. .5 Periodicals .6 Societies .7 Education, methods  
 of teaching .8 Collectiv works .9 History

**SUMMARY**

- 541-542 **General chemistry**  
 541 Chemic theories  
 542 Operativ and experimental chemistry  
 543-545 **Analytic chemistry**  
 543 Analysis  
 544 Qualitativ analysis  
 545 Quantitativ analysis  
 546 **Inorganic chemistry**  
 547 **Organic chemistry**

**REFERENCES**

- |         |                       |     |                   |
|---------|-----------------------|-----|-------------------|
| 612.015 | Physiologic chemistry | 660 | Chemic technology |
| 615     | Medical               | 669 | Metallurgy        |
| 616.076 | Pathologic            | 770 | Photografy        |

**541 Theoretic chemistry      Physical chemistry**

Modern chemic theories      General properties of bodies from chemic point of  
 view      Composition      Constitution      Elements and compounds      Affinity  
 Formulas      Nomenclature

**.1****.2 Atomic theory**

Ultimate constitution of matter. Nature and phases of ultimate particles: atoms, ions, anions, kations, electrons. Atomicity. Relationship of mass to chemic properties of bodies. Laws of chemic combination: weight, definit proportions, equivalence, multiple proportions. Laws of volume for gases. Simple or compound nature of chemic elements. Molecules. Atomic and molecular weights; methods of determination: Atomic and molecular volumes. Laws fundamental to atomic theory; see also 541.9 Classification, periodic law, etc.

See also physics, 532.4 Specific weights

**.3 Physical chemistry**

Borderland between physics and chemistry. Including densities in different phases; chemic affinity, statics and dynamics; thermochemistry and electro-chemistry

**.31 Solid state**

See also physics, 536.43 Solidification; 539.2 Properties of solids

**.32 Liquid state**

See also physics, 532.1 Properties of liquids; 536.42 Liquefaction; 541.34 solution

**.321 General**

Surface tension, vapor tension, viscosity, capillarity

**.325 Special types of liquids: gelatinous liquids****.326 Inorganic liquids****.327 Organic liquids****.33 Gaseous state**

Subdivide like 541.32. See also physics, 533.1 Properties of gases; 536.44 Vaporization

NATURAL SCIENCE

- 541.34 Solute state Solubility
- .34I General  
 Surface tension, viscosity, diffusion, osmosis, conductivity. See also  
 532.7 Osmose of liquids; 542.7 Dissolving
- 1 Theories: kinetic, hydrate and dissociation
- 2 Laws Terminology
- .342 Solution pressure Solubility  
 Tables of solubility
- .344 Solubility and solution of different forms  
 1 Solids 2 Liquids 3 Gases Absorption
- .345 Solution types  
 2 Colloid solutions Emulsions  
 Including general discussion of colloids
- .346 Solvents
- .35 Photochemistry  
 Relation of light to chemic action, of polarized light to chemic structure, etc.
- .36 Thermochemistry  
 Relationship of heat to chemic properties of bodies. Thermodynamics and energetics applied to chemistry. Relations between specific heat and chemic constitutions. Molecular heats; atomic heats; latent heats of physical, allotropic, and chemic transformations. Principle of initial and final phases. Study of changes of phase. Melting points and boiling points. Liberation and absorption of heat in reactions. Exothermic and endothermic reactions. Variation with temperature of the quantity of heat used in transformations. Principle of maximum work
- .37 Electrochemistry
- .378 Magnetochemistry
- .38 Radiochemistry  
 Chemistry of radioactiv substances
- .39 Chemic dynamics, statics and equilibrium Affinity  
 Homogeneous and heterogeneous chemic equilibriums. Kinetic theory of chemic equilibriums (of Guldberg and Waage, Pfaundler, van't Hoff); thermodynamic theory (of Willard Gibbs, of Horstmann, of van't Hoff, of Duhem, etc) Reaction velocities. Accelerating and retarding influences. Catalysis. See also in physics 536.7 Thermodynamics and energetics  
 Variation of affinity with physical conditions. Valence. Combinations. Unlimited and limited decomposition. Dissociation, efflorescence, limits of dissociation and maximum dissociation. Combustion
- .4 Various types of compounds  
 Acids, bases, salts, alloys
- .5 Molecular types
- .6 Compound radicals  
 Stereochemistry Formulas of structure
- .7 Allotropy  
 Isomerism Amorphous and crystallin states Tautomerism Polymerism  
 Class here material on structure not included in 541.6
- .9 Other general subjects  
 Classification Nomenclature Notation Formulas Stoichiometry  
 Tables Periodic law

## 542 Practical and experimental chemistry

- Manipulations      Chemic operations      For analyses see 543-545  
 .1    **Laboratories**  
       Interior construction and installation      General arrangements      For archi-  
       tecture see 727.5  
 .2    **Apparatus and manipulations**      For special apparatus see 542.3-.9  
 .21    Manipulations      Arrangements      Procedure  
 .22    Preparation of substances  
       Mechanic separation: trituration, pulverization, porphyzation; mortars  
       and pestles, crushers, sifting and sivs. Disintegration by wetting heated  
       mass. Levigation  
 .23    Laboratory receptacles and their accessories  
       For uses of receptacles see also various processes and operations  
 231    Glass and quartz  
       Beakers, bottles, flasks, retorts, test tubes, funnels, adapters, glass rods  
       and tubing  
       5      **Glass manipulation: blowing, grinding**  
 .232    Porcelain  
       Evaporating dishes, tubes, retorts.      Refractory pottery: crucibles, plates  
 233    Metallic  
       Containers made of platinum, silver, iron, nickel, aluminum, etc.  
 .24    Supports      Fixt, adjustable, wood.      Triangles, tripods, clamps  
 .25    Stoppers      Glass, cork, rubber      Corkborers  
 .26    Rubber tubing      Luting and cements  
 .29    Other appliances  
 .3    **Mesuring apparatus**  
 .32    Determination of weights and density  
       Balances and weights      Descriptions and directions for use  
 33    Specific gravity apparatus      Class preferably in 532.4  
 35    Determination of volume  
       Mesuring volume of liquid      Calibrated vessels      Graduated pipets, burets  
       and cylinders  
 .4    **Heating      Distillation**  
       See also 536.5 Measurement and regulation of heat; 542.53 Blowpiping  
 .41    General  
 .42    Heating with coal  
       Laboratory furnaces: trough, cupola, reverberatory, tubular, cupel, blast  
       Tube furnaces for organic analysis  
 .43    Heating with liquid fuels, etc.      Lamps; special burners  
 .44    Heating with gas  
       Coal gas, carburetted air, acetylene, etc.  
       Fishtail and Bunsen burners; gas furnaces and grates; pressure regulators  
 .46    Indirect heating  
       Baths and heaters: water baths; salt, metal and oil baths; metal plates or  
       wire gauzes  
 .47    Electric heating  
       Heaters, muffles and furnaces; kryptol furnaces  
       See also 542.8 Electric and galvanic manipulations  
 .48    Operations  
       Melting, fusing, boiling. Vaporization, distillation. Distilling apparatus.  
       alembics or stills. Deflegmators. Vacuum operations  
       Evaporation with heat: sublimation, dessication. For evaporation in vac-  
       uum see 542.77  
 .49    Other heating operations

- 542.5 **Flames      Blowpipes**  
 See also 544.2 Dry methods of analysis; 669.9 Assaying
- .51 **Flame**  
 Nature of flame; candle flame; oxidizing and reducing flames
- .52 **Coloration of flame**  
 Beads, colored beads      Composit flames
- .53 **Blowpipes**  
 Varieties of blowpipes and how to use them  
 For blowpipe analysis see 544.3 and 545.4
- .6 **Aqueous and liquid treatment**  
 Dissolving, aqueous separation, levigation, etc; alcohol, ether, carbondisulfid, hydrocarbons, etc.
- .61 **Dissolving      Solution**  
 Solvents, maceration, digestion, decoction, lixiviation
- .62 **Determination of solubility      Supersaturation**  
 Supersaturated solution
- .63 **Diffusion**  
 Lowering the solidification point or surfusion
- .64 **Dialysis      Dialyzers**  
 See also qualitativ analysis 544.5 Dialysis
- .65 **Solidification**  
 Precipitation, crystallization, crystallizers
- .66 **Decantation**  
 Decantation funnels, Florentin receivers, siphons, pipets
- .67 **Filtration and filters**  
 Filtration with textiles, with paper, thru cotton, asbestos, powders, etc.  
 Hot filtration      Filtration in seald vessels, by suction, by compression  
 Filter presses
- .68 **Expression and presses**      Drying of press residues; drying machines
- .69 **Washing**      Continuous, automatic; decantation, wash bottles
- .7 **Gas manipulation**  
 See also 545.7 Eudiometry
- .71 **General**
- .72 **Gas production**
- .73 **Gas collecting and decanting**  
 Pneumatic trough, gas sampling-tube, gas pipets; displacement and decanting
- .74 **Washing and dissolving gas**  
 Wash bottles      Apparatus for drying and absorbing gas
- .75 **Gas storage**      Gasometers, rubber bags
- .76 **Gas mesurement**      Graduated tubes, meters
- .77 **Rarefaction of gas**  
 Pumps: air, vacuum, mercury; blowing engines, bellows, suction gasometers; manometers; vacuum regulators; trompes  
 See also physics; 533.5 Air pumps
- .78 **Gas compression**  
 Seald tubes and bulbs, bellows, compression pumps, gasholders
- .79 **Gas liquefaction and solidification**  
 Faraday tubes      Apparatus for expansion; of Thilorier; of Cailletet and Linde
- .8 **Electric and galvanic manipulations**  
 See also physics, 537.85 Applications of electricity to chemistry. Class here only apparatus for preparing chemic substances, not apparatus for study of phenomena. For analytic apparatus see special substance under 543 or special process under 544 or 545
- .9 **Other operations**  
 Attacks by acids and gases; oxidations, reductions, etc

## 543-545 Analytic chemistry

## 543 Analysis

Divided by material analyzed, whether qualitatively or quantitatively, i.e. substance takes precedence of process. Class in 543 general works covering both qualitative and quantitative analysis

See also 614.3 Adulterations

- .1 **Analysis of food and drink**  
See also 613.2 Hygiene, 612.39 Nutrition
- .2 **Dairy products Milk**  
See also agriculture, 637 Dairy products
- .3 **Water**  
See also hygiene 613.31 Water as a beverage; and therapeutics 615.79 Mineral waters
- .4 **Analysis of drugs and medicins**  
See also 614.35 Inspection of drugs; 615 Medicin
- .5 **Poisons**  
See also 615.9 Toxicology
- .6 **Analysis of rocks and ores**  
See also 549 Mineralogy, 669.9 Assaying, 631 Agricultural chemistry
- .7 **Analysis of inorganic products in general**  
For general works and special matter not provided for in previous subdivisions of 543
- .8 **Analysis of organic products in general**  
For general works and special matter not provided for in previous subdivisions of 543
- .9 **Analysis of organic products of animal origin**  
For general works and special matter not provided for in previous subdivisions of 543. See also 577 Biology

## 544 Qualitativ analysis

Determination of chemic elements of substances      General processes and methods

- .1 **Wet method**
- .11 **Reagents**
- .12 **Determination of bases**
- .13 **Determination of acids**
- .2 **Dry method**  
See also 669.9 Assaying  
See also 542.53 Manipulation, 549.1 Mineralogy
- .4 **Gas analysis Reactions**  
Identifying an isolated gas      Analysis of gaseous mixtures      See also 545.7  
Eudiometry
- .5 **Dialysis**  
For technic see 542.64; for electric dialysis see 542.8
- .6 **Spectrum analysis**  
See also physics, 535.84 Spectrum analysis
- .7 **Polariscopic analysis**  
See also physics, 535.5 Polarization
- .8 **Microscopic examinations**
- .9 **Other methods**  
Electro analysis
- .9: **Capillary analysis**



## 545 Quantitativ analysis

- .1 **Gravimetric**  
Analysis by weighing, sampletaking
- .2 **Wet method**  
Titration solution, alkalimetry acidimetry
- .3 **Electric methods**  
See also physics, 537.85 Electrometallurgy  
For galvanoplastics see 671
- .311 Constant current analysis
- .312 Constant voltage analysis
- .36 Catalytic analysis
- .4 **Dry method**  
Quantitativ analyses with blowpipe, cupellation, etc.  
See also 669.9 Assaying
- .5 **Titrometric methods in general**
- .6 **Volumetric analysis of liquids**  
See also 542.3 Mesuring apparatus
- .7 **Volumetric analysis of gases**  
Eudiometry and eudiometers; gas burets, absorption pipets  
See also 544.4 Gas analysis
- .8 **Other methods**  
Colorimetric    Polarimetric    Refractometric
- .9 **Synthesis**  
General processes
- .97 **Electric synthesis**

## 546-547 Inorganic and organic chemistry

## 546 Inorganic chemistry

- .1 Nonmetallic elements
  - .11 Hydrogen
  - .12 Halogen group
    - .13 Chlorin
    - .14 Bromin
    - .15 Iodin
    - .161 Fluorin
  - .17 Nitrogen group      Nitrogen
  - .18 Phosphorus
  - .191 Arsenic
  - .2 Oxygen group
    - .21 Oxygen
    - .22 Sulfur
    - .23 Selenium
    - .241 Tellurium
  - .25 Carbon group
    - .26 Carbon
    - .27 Boron
    - .28 Silicon
  - .29 Helium group
    - .291 Helium
    - .292 Neon
    - .293 Argon
    - .294 Krypton
    - .295 Xenon
- .3 Metals
  - .31 Alkali group
    - .32 Potassium
    - .33 Sodium
    - .34 Lithium
    - .35 Rubidium
    - .36 Caesium
    - .37
    - .38
  - .39
  - .4 Alkaline earths
    - Calcium and magnesium groups considered together
    - .41 Calcium
    - .42 Strontium
    - .43 Barium
    - .432 Radium
  - .44 Magnesium group
    - .45 Beryllium or glucinum
    - .46 Magnesium
    - .47 Zinc
    - .48 Cadmium
    - .49

546.5	<b>Led and silver group</b>	
.51	Led	
.52	Thallium	
.55	<b>Silver group</b>	
.56	Copper	
.57	Silver	
.58	Mercury	
.59		
.6	<b>Cerium group</b>	<b>Rare earths</b>
.61	Yttrium	
.62	Cerium	
.63	Lanthanum	
.64	Didymium	
.642	Praseodymium	
.643	Neodymium	
.65	Erbium	
.652	Ytterbium	
.653	Terbium	
.66	Aluminum	
.67	Indium	
.68	Gallium	
.69	<b>Other metals of rare earths</b>	
.691	Scandium	
.692	Samarium or decipium	
.694	Gadolinium	
.695	Germanium	
.696	Europium	
.697	Thulium	
.7	<b>Iron group</b>	
	Iron and chromium groups considered together	
.71	Manganese	
.72	Iron	
.73	Cobalt	
.741	Nickel	
.75	<b>Chromium group</b>	
.76	Chromium	
.77	Molybdenum	
.78	Tungsten or wolfram	
.791	Uranium	
.8	<b>Tin group</b>	
	Tin and vanadium groups considered together	
.81	Tin	
.82	Titanium	
.83	Zirconium	
.841	Thorium	
.842	Actinium	
.85	<b>Vanadium group</b>	
.851	Vanadium	
.86	Antimony	
.87	Bismuth	
.88	Tantalum	
.891	Niobium or columbium	
.892	Polonium	

DECIMAL CLASSIFICATION

- 546.9      **Platinum group**
- .91      Gold
- .92      Platinum
- .93      Iridium
- .94      Osmium
- .95      **Ruthenium group**
- .96      Ruthenium
- .97      Rhodium
- .98      Palladium
- .99      **False and putativ elements**  
                    Arrange alfabeticly

547      **Organic chemistry**

- .1      **Cyanogen and its compounds**
- .2      **Hydrocarbons      Fatty series**  
          For occurrence as minerals see 549.8
- .21      Paraffins
- .22      Olefins
- .23      Acetylenes
- .24      Valylene      Dipropargyl, etc.
- .25      **Aromatic series**
- .26      Benzenes
- .27      Diphenyl group
- .28      Naphthalene      Anthracene      Phenanthrene
- .29      Higher series  
          The 7 heds 547.3-547.9 are subdivided like 547.2
- .3      **Alcohols      Phenols**
- .4      **Ethers: simple, compound; haloid**
- .5      **Aldehydes**
- .6      **Ketones      Quinones**
- .7      **Acids: acid halids, acid anhydrids, sulpho-acids**
- .8      **Nitroderivates: amins, compound ammoniums, amids,**  
          amic acids, azo-bodies, azoxy-bodies, hydrazo-bodies,  
          diazo-bodies
- .9      **Compounds with metals**

## 548 Crystallografy

General; phenomena of a special mineral belongs with that mineral; e. g. cleavage of borates 549.73

- .1 Systems of crystallization
- .2 Twin crystals Crystallin aggregations
- .3 Cleavage Isomorfism Polymorfism
- .4 Irregularities Internal imperfections
- .5 Formation and growth of crystals
- .6 Pseudomorfs
- .7 Mathematic: mesurement of angles
- .8 Physical
- .9 Optical

## 549 Mineralogy

.01 Filosofy, classification .02 Compendis .03 Dictionaries .04 Essays, papers, etc. .05 Periodicals .06 Societies .07 Study and teaching, museums .08 Collectiv works .09 History

- .1 **Determinativ Blowing**
  - See also 543.6 Methods of analysis of rocks and ores.
  - See 542.53 Blowingpipes and their manipulation; 544.3 and 545.4 Methods of blowingpipe analysis
- .2 Nativ elements
- .3 Sulfids, tellurids, selenids, arsenids, antimonids, bismuthids
- .4 Compounds of chlorin, bromin, iodin, and fluorin
- .5 Oxygen compounds: oxids
  - .6 Silicates
    - .61 Anhydrous
    - .65 Hydrous
  - .7 Other ternary oxygen compounds
    - .71 Tantalates Columbates
    - .72 Phosphates Arsenates Vanadates Antimonates
    - Nitrates
  - .73 Borates
  - .74 Tungstates Molybdates Chromates
  - .75 Anhydrous sulfates
  - .76 Hydrous sulfates
  - .77 Tellurates
  - .78 Carbonates
  - .79 Oxalates
- .8 **Hydrocarbons**
  - Occurrence as minerals. For chemistry of hydrocarbons see 547.2; for economic geology see 553.2
- .9 **Geografic distribution**

# 550 Geology

550.1 Philosophy, theories, geologic time .2 Compendis .3 Dictionaries .4 Essays  
papers, tracts, letters .5 Periodicals .6 Societies .7 Study and teaching,  
museums .8 Collectiv works .9 History

## 551 Physical and dynamic geology

Including Physical geography For Cosmic geography, see 523

- .1 **Structure of earth as a whole**
- .11 Interior of earth
- .12 Internal heat
- .13 Earth's crust
- .14 Conductivity of rocks
- .2 **Seismology**
- .21 Volcanoes
- .22 Earthquakes
- .23 Hot springs, geysers
- .24 Oscillations of the earth's crust
- .3 **Erosion and deposition**
- .31 Glaciers and glacial phenomena
- .32 Moraines
- .33 Transported materials, till
- .34 Icebergs
- .35 Aqueous erosion
- .36 Coast changes
- .37 Aerial erosion
- .4 **Surface features of the earth**  
Physical geography
- .41 Continents
- .42 Islands
- .43 Mountains Valleys Orology
- .44 Caves
- .45 Plains
- .46 Oceans
- .47 Ocean currents
- .48 Rivers Lakes
- .49 Springs Wells Ground water
- .5 **Meteorology**
- .51 Atmospheric currents Winds
- .52 Thermometry, heat See also 536.5 Temperature; 613.18 Hygiene
- .53 Hypsometry, elevations See 526.36-8 for methods
- .54 Barometry, pressure
- .55 Storms
- .56 Climate
- .57 Moisture: rainfall, flow of streams, floods
- .58 Prairies, forests, and deserts

Division of Oceans for use under .46  
and .47

- 1 Atlantic North sea Baltic
- 2 Mediterranean Black sea
- 3 Gulf of Mexico Caribbean
- 4 Southern Atlantic
- 5 Pacific
- 6 Eastern Pacific or American coast
- 7 Indian Bay of Bengal Red sea
- 8 Arctic
- 9 Antarctic

- 551.6 **Metamorfism**
- .7 **Stratigrafic geology**
- .71 Archæan
- .72 Primary, paleozoic, Cambrian
- .73 Silurian
- .731 Lower Silurian
- .732 Upper Silurian
- .74 Devonian Old red sandstone
- .75 Carboniferous
- .76 Secondary, mesozoic, triassic and Jurassic: lias, oolite
- .77 Cretaceous
- .78 Tertiary, cenozoic
- .781 Eocene, oligocene
- .782 Miocene
- .783 Pliocene
- .79 Quaternary Postpliocene Glacial
- .791 Recent
- .8 **Structural geology**
- .81 Stratification
- .82 Curvature and contortion
- .83 Ripple marks and sun cracks
- .84 Joints Cleavage Polarity in rocks
- .85 Dip Outcrop Strike
- .86 Anticlinal Synclinal
- .87 Faults and folds Dislocations
- .88 Veins Dykes Necks Bosses
- .89
- .9 **Agents of geologic work**
- .91 Frost
- .92 Water
- .93 Atmosphere
- .94 Chemic changes Heat
- .95 Animals
- .96 Coral reefs
- .97 Plants
- .98 Segregation and concretion
- .99 Other agents

552	Lithology	Petrografy	Petrology
.1	<b>Igneous rocks</b>		
.2	Volcanic rocks		
.21	Lavas	Scoria	
.22	Volcanic ashes	Volcanic tufa	Tuff
.23	Obsidian	Pumis	Pitchstone
.24	Trachyte		
.25	Rhyolite		
.26	Andesite	Dacite	Phonolite
.27	Felsites		
.28	Basalt		
.29	Other volcanic rocks		
.3	<b>Plutonic rocks</b>		
.31	Porphyry	Porphyrite	
.32	Syenite		
.33	Granit		
.34	Diabase and gabbro		
.35	Dolerite		
.36	Diorite		
.37	Norite		
.38	Peridotite		
.39	Other Plutonic rocks		
.4	<b>Metamorphic rocks</b>		
.41	Granits and syenites		
.42	Gneiss		
.43	Schists		
.44	Slates	Argillite	Phyllite
.45	Quartzite	Novaculite	Itacolumite
.46	Marble	Crystallin limestone	
.47	Serpentine		
.48	Chrysolitic rocks		
.49	Other metamorphic rocks		
.5	<b>Sedimentary rocks</b>		
.51	Sandstone	Conglomerate	Sand Gravel
.52	Shale	Clay	Silt
.53	Gypsum	Salt	
.54	Limestone	Marl	Ooze
.55	Dolomite		
.56	Oolite		
.57	Infusorial or diatomaceous earth		
.58	Glaucanite	Greensand	
.59	Other sedimentary rocks		
.6	<b>Meteorites</b>		
.7	<b>Decay of rocks</b>		
.8	<b>Microscopic petrografy</b>		
.81	Determination of rock minerals		
.82	Rock structure		



- .1 **Ore deposits**
- .11 Formation and structure
- .12 Classification
- .13 Superficial: placers
- .14 Stratified: beds, etc.
- .15 Unstratified
- .16 Disseminated thru eruptiv rocks
- .17 Stockwerks Fahlbands Contacts
- .18 Chambers and pockets Impregnations
- .19 Mineral veins
- .2 **Carbon series**
- .21 Peat While the history of all
- .22 Lignite and jet other products goes in 553,
- .23 Cannel coal Bituminous shale history of metals is more
- .24 Bituminous and semibituminous coals useful in 669, Metallurgy
- .25 Anthracite and grafitic anthracite
- .26 Grafite Plumbago
- .27 Asfalt and asfaltic coals Ozocerite
- .28 Petroleum Natural gas
- .29 Fossil gums and resins
- .3 **Ores of iron**
- .4 **Ores of metals other than iron**
- .41 Ores of gold
- .42 Ores of silver
- .43 Ores of copper
- .44 Ores of led
- .45 Ores of zinc and tin Mercury
- .46 Ores of manganese and chromium
- .47 Ores of antimony and arsenic
- .48 Ores of nickel and cobalt
- .49 Other metallic ores
- .5 **Bilding stones**
- .51 Marbles and limestones
- .52 Granits and syenites
- .53 Sandstones
- .54 Slates
- .55 Serpentine Soapstones
- .56 Porphyries
- .57 Trap
- .58 Tufa Peperino
- .59 Other bilding stones

DECIMAL CLASSIFICATION

- 553.6 Earthy economic minerals**  
 .61 Fire clays Brick clays Potter's clays  
 .62 Sands  
 .63 Rock salt Gypsum  
 .64 Phosphates Apatite Guano See also 631.85  
 .65 Emery Corundum  
 .66 Hevy spar Sulfur  
 .67 Asbestos, etc.  
 .68 Limes and mineral cements  
 .69 Other earthy economic minerals

**.7 Mineral waters**

Divide general works geografically like 930-999; e.g.  
 Mineral waters of Germany, 553. 7043

- .71 Alkalin  
 .72 Salin  
 .73 Chalybeate, ironbearing  
 .74 Sulfuric  
 .75 Calcic

See also 551.23

- .8 Gems Ornamental stones  
 .9 Other economic minerals

- 554 Geology of Europe 554-559 subdivided by countries like 940-999  
 555 Geology of Asia  
 556 Geology of Africa  
 557 Geology of North America  
 558 Geology of South America  
 559 Geology of Oceanica Polar regions

**560 Paleontology** Use form divisions as in 550 and divide .9 geografically like 930-999; e. g. Paleontology of Germany is 560.943

- 561 Plants 561 is subdivided like Botany, 580  
 562 Invertebrates 562-569 is subdivided like Zoology, 592-599  
 563 Protozoa Radiates  
 564 Mollusks  
 565 Articulates  
 566 Vertebrates  
 567 Fishes Batrachia  
 568 Reptils Birds  
 569 Mammals

570 **Biology**

- 570.1 Philosophy    .2 Compendis    .3 Dictionaries    .4 Essays, lectures, etc  
 .5 Periodicals    .6 Societies    .7 Study and teaching, museums; nature study  
 .8 Collectiv works    .9 History

571 **Prehistoric archeology**

For Customs, see 390    For Archeology of special countries, see 913

- .1 Paleolithic, or early stone age**  
 .11 Drift remains  
 .12 Cave men  
 .13 Remains of animals    Shells  
 .14 Chipt stones  
 .15 Flint flakes    Arrow heds    Knives, etc.  
 .16 Other stone remains  
 .19 Other remains  
**.2 Neolithic, or late stone age**  
 .21 Stone quarries  
 .22  
 .23 Remains of animals  
 .24 Polisht stones  
 .25 Sharpend stones: celts, tools, wepons  
 .26 Perforated stones: spindles, net sinkers, pipes  
 .27 Hollowd stones: mortars, cups, food vessels  
 .28 Other stone remains  
 .29 Other remains  
**.3 Bronze age**  
 .31 Ancient copper and tin mining  
 .34 Bronze remains  
 .35 Tools    Wepons, etc.  
 .37 Cups    Vessels  
 .39 Other remains  
**.4 Iron age**  
**.5 Other remains**  
 .51 Implements of wood  
 .52 Implements of bone  
 .53 Basket work  
 .54 Textil fabrics  
 .55 Pottery  
 .56 Glass  
**.6**  
**.7 Rudiments of art    Ornaments**  
 .71 Drawings  
 .72 Paint  
 .73 Sculptures  
 .74 Beads

- 571.8 Dwellings**
- .81 Natural caves
  - .82 Earth houses Pit dwellings Weems
  - .83 Lake dwellings Crannoges
  - .84 Cliff dwellings
  - .85 Pueblos
  - .86 Tents as dwellings
  - .9 Mounds and monuments**
  - .91 Mounds and mound bilders
  - .92 Grave mounds
  - .93 Kitchen middens Shell banks
  - .94 Monoliths Cromlechs
  - .95 Circles Labyrinths
  - .96 Cairns
  - .97
  - .98
  - .99

**572 Ethnology Anthropology**

See also 136.4 Mental race characteristics

- .1 Unity of the human race**
- .2 Diversity of races**
- .3 Migrations of men**
- .4 Original home of man: Eden, Atlantis, etc.**
- .5
- .6
- .7
- .8 Races divided by language like 400**
- .9 Races divided by countries like 930-999**

Divide by countries where possible. Use language divisions for groups like Semitic, Aryan, Teutonic, English, etc.

**573 Natural history of man Somatology**

- .1 Man's place in nature**
- .2 Origin of man**
- .3 Antiquity of man**
- .4 Influence of climate and surroundings**
- .5 Color in man**
- .6 Anthropometry**
- .7 Craniology**
- .8 Dwarfs and giants**
- .9 Monstrosities**

See also 611.012 Teratology; 613.91 Congenital defects; 617.3 Deformities

574 Homologies

575 Evolution

See also 213 Creation; 215 Religion and science; 239.8 Apologetics

- .1 Heredity See also 136.3 Mental; 233.3 Moral; 129.2 Origin of soul
- .2 Variation See also 591.15 Physiologic zoology
- .3 Environment See also 136.2 Mental; 573.4
- .4 Natural selection Survival of the fittest
- .5 Sexual selection
- .6 Development
- .7 Degeneration
- .8 Origin of species
- .9 Origin of sexes See also 591.36 Embryology

576 Origin and beginnings of life

[576-577 are undergoing revision that will change some numbers and greatly enlarge them in the next edition]

- .1 Spontaneous generation
- .2 Protoplasm Bioplasm
- .3 Cells
- .4 Beginnings of motion and sensation
- .5
- .6

577 Properties of living matter

- .1 Chemic: difference between organic and inorganic
- .2 Life: difference between dead and living matter
- .3 Difference between vital and physical phenomena
- .4 Conditions of life: moisture, temperature
- .5 Difference between plants and animals
- .6 Vital force
- .7 Deth See also 612.013
- .8 Sex in nature
- .9

578 Microscopy See also 535.82 Optics

- .1 Varieties of microscopes
- .2 Optic parts
- .3 Mechanical parts
- .4 Accessory apparatus and management of microscope
- .5 Illuminating apparatus
- .6 Preparation and mounting of objects
- .7 Special preparation and study of inorganic material
- .8 " botanic material See 581.8 Histology
- .9 " zoologic material " 591.8

- 579 Collectors manuals
- .1 Preparing skeletons
  - .2 Preservativs and hardening fluids
  - .3 Injections
  - .4 Taxidermy
  - .5 Mounting specimens
  - .6 Collecting
    - .611 Alluring; bait, light, etc.
    - .612 Hunting; nets, collecting bottle, etc.
    - .613 Killing
    - .614 Exchange Purchase
    - .615 Rearing
    - .616 Transporting
  - .7 Arrangement of specimens in museums
    - .71 Cabinets
    - .72 Labels
  - .8 Preservation of specimens
    - .81 Museum pests
    - .82 Pestifuges
    - .83 Prevention of moisture
    - 84 Retention of colors
  - .9

# 580' Botany

580.1 Philosophy, classification, nomenclature .2 Compendis .3 Dictionaries, cyclopedias .4 Essays .5 Periodicals .6 Societies .7 Study and teaching, herbariums, botanic gardens .8 Collectiv works .9 History

## 581 Physiologic and structural botany

Subdivided where wished like 591

- .1 **Physiology**
- .2 **Pathology**      **Teratology**
- .21      Diseases
- .22      Teratology
- .23      Parasites
- .3      **Embryology**      **Germination**
- .4      **Morfology**      **Comparativ anatomy**
- .5      **Habits**
- .6      **Economic**
- .7      **Organografy**      **Descriptiv anatomy**
- .8      **Histology**      See 578.8

## .9 Geografic

- .91      Distribution of plants

Subdivide .93-99 like 930-999      Use .92 for ocean, marine flora

This Geografic classification is to be used only for general works and cross references. 'Flora of North America' is put 581.97; but 'North American cryptogams' is clast 586 with a reference from 581.97, but North American phanerogams go with 581.97 because it so completely covers the subject

General works covering both Phanerogamia and Cryptogamia are put under 580 as books covering Vertebrates and Invertebrates are put under 590

In applying these numbers to Fossil plants, 561, note that one more figure must be used than in fossil animals. The Zoology numbers are alrely given in the 3d place in Paleontology, e. g. 592 Invertebrates, 562 Fossil invertebrates, and so on to 599 Mammals, and 569 Fossil mammals. But in Fossil plants, 561, all 8 sections are group together and the section number must be repeated. Fossil phanerogams are 561.2 not 562, which is assignd to Invertebrate zoology as more important. Lichens are 561.91, etc. In the same way the Fossil flora of North America is 561.197, i. e. the first 2 Botany figures, 58, are changed to 561 to give the corresponding Fossil botany number, while in zoology the only change is from 59 to 56 for first 2 figures, except in 591 which can not change to 561, which is assignd to Botany. The Fossil fauna of North America must therefore go among general works under 560.97

## 582 Phanerogamia

See also 715 Trees; 634.9 Forestry

The subsections below are taken from the recognized authority, Bentham and Hooker's *Genera plantarum*

## 583 Dicotyledonæ

- .I      **Polypetalæ**
- .II      **Ranales**
- .111      Ranunculaceæ
- .112      Dilleniaceæ
- .113      Calycanthaceæ
- .114      Magnoliaceæ
- .115      Anonaceæ
- .116      Menispermaceæ
- .117      Berberideæ
- .118      Nymphæaceæ

## DECIMAL CLASSIFICATION

583.12	<b>Parietales</b>
.121	Sarraceniaceæ
.122	Papaveraceæ
.123	Cruciferae
.131	Capparideæ
.133	Resedaceæ
.134	Cistineæ
.135	Violarieæ
.137	Canellaceæ
.138	Bixineæ
.14	<b>Polygalineæ</b>
.141	Pittosporæ
.142	Tremandreæ
.143	Polygaleæ
.145	Vochysiaceæ
.15	<b>Caryophyllineæ</b>
.151	Frankeniaceæ
.152	Caryophylleæ
.153	Sileneæ
.154	Alsineæ
.155	Polycarpeæ
.156	Portulacææ
.158	Tamariscineæ
.16	<b>Guttiferales</b>
.161	Elatineæ
.162	Hypericineæ
.163	Guttiferae
.166	Ternstroemiaceæ
.167	Dipterocarpeæ
.168	Chlænaceæ
.17	<b>Malvales Malvaceæ</b>
.18	Sterculiaceæ
.19	Tiliaceæ
.21	<b>Geraniales</b>
.211	Lineæ
.213	Humiriaceæ
.214	Malpighiaceæ
.221	Zygophylleæ
.223	Geraniaceæ
.23	Rutaceæ
.241	Simarubeæ
.245	Ochnaceæ
.247	Burseraceæ
.251	Meliaceæ
.255	Chailletiaceæ



583.26	<b>Olacales</b>
.261	Olacineæ
.269	Ilicineæ
.27	<b>Celastrales</b>
.271	Celastrineæ
.274	Stackhousiæ
.275	Rhamnæ
.279	Ampelideæ
.28	<b>Sapindales</b>
.281	Sapindaceæ
.291	Sabiaceæ
.292	Anacardiaceæ
.297	<b>Anomala</b>
.298	Coriariæ
.299	Moringeæ
.3	<b>Rosales</b>
.31	Connaraceæ
.32	Leguminosæ
.37	Rosaceæ
.38	Saxifrageæ
.39	Crassulaceæ
.393	Droseraceæ
.394	Hamamelideæ
.396	Bruniaceæ
.398	Halorageæ
.4	<b>Myrtales</b>
.411	Rhizophoreæ
.414	Combretaceæ
.42	Myrtaceæ
.43	Melastomaceæ
.441	Lythriæ
.445	Onagariæ, cenothers
.45	<b>Passiflorales</b>
.451	Samydaceæ
.453	Loasæ
.455	Turneraceæ
.456	Passifloreæ
.461	Cucurbiaceæ
.468	Begoniaceæ
.469	Datisceæ
.47	<b>Ficoidales</b>
.471	Cactæ
.475	Ficoideæ
.48	<b>Umbellales</b>
.481	Umbellifera
.491	Araliaceæ
.497	Cornaceæ

<b>583.5</b>	<b>Gamopetalæ</b>	
.51	<b>Rubiales</b>	Caprifoliaceæ
.52		Rubiaceæ
.53	<b>Asterales</b>	
.531		Valerianaceæ
.541		Dipsacaceæ
.546		Calysereæ
.55		Compositæ
.57	<b>Campanales</b>	Stylidiæ
.58		Goodenoviæ
.59		Campanulaceæ
.6	<b>Ericales</b>	
.61		Vacciniaceæ
.62		Ericaceæ
.63		Monotropeæ
.64		Epacrideæ
.65		Diapensiaceæ
.66		Lennoaceæ
.67	<b>Primulales</b>	
.671		Plumbagineæ
.672		Primulaceæ
.677		Myrsineæ
.68	<b>Ebenales</b>	
.681		Sapotaceæ
.685		Ebenaceæ
.686		Styraceæ
.7	<b>Gentianales</b>	
.71		Oleaceæ
.716		Salvadoraceæ
.72		Apocynaceæ
.73		Asclepiadeæ
.74		Loganiaceæ
.75		Gentianeæ
.76	<b>Polemoniales</b>	
.761		Polemoniaceæ
.764		Hydrophyllaceæ
.77		Boragineæ
.78		Convolvulaceæ
.79		Solanaceæ
.8	<b>Personales</b>	
.81		Scrophularineæ
.821		Orobanchaceæ
.825		Lentibulariæ
.829		Columelliaceæ
.83		Gesneraceæ
.84		Bignoniaceæ
.85		Pedaliæ
.86		Acanthaceæ
.87	<b>Lamiales</b>	
.871		Myoporineæ
.876		Selagineæ
.88		Verbenaceæ
.891		Labiata
.899	<b>Ordo anomalus</b>	Plantagineæ

583.9

**Apetalæ**

- .91 **Curvembryeæ**
- .911 Nyctagineæ
- .912 Illecebraceæ
- .913 Amarantaceæ
- .914 Chenopodiaceæ
- .915 Phytolaccaceæ
- .916 Batideæ
- .917 Polygonaceæ
- .92 **Multiovulatæ aquaticæ**
- .921 Podostemaceæ
- .922 **Multiovulatæ terrestres**    Nepenthaceæ
- .923 Cytinaceæ
- .924 Aristolochiaceæ
- .925 **Micrembryeæ**    Piperaceæ
- .926 Chloranthaceæ
- .927 Myristiceæ
- .928 Monimiaceæ
- .93 **Daphnales**
- .931 Laurineæ
- .932 Proteaceæ
- .933 Thymelæaceæ
- .934 Penæaceæ
- .935 Elæagnaceæ
- .94 **Achlamydosporeæ**
- .941 Loranthaceæ
- .943 Santalaceæ
- .947 Balanophoreæ
- .95 **Unisexuales**
- .951 Euphorbiaceæ
- .961 Balanopseæ
- .962 Urticaceæ
- .971 Platanaceæ
- .972 Leitnerieæ
- .973 Juglandæ
- .974 Myricaceæ
- .975 Casuarineæ
- .976 Cupuliferæ
- .98 **Anomali**
- .981 Salicineæ
- .983 Lacistemaceæ
- .984 Empetraceæ
- .987 Ceratophylleæ

## 584 Monocotyledonæ

- .1 **Microspermeæ**
- .11 Hydrocharideæ
- .13 Burmanniaceæ
- .15 Orchideæ
- .2 **Epigyneæ**
- .21 Scitamineæ
- .22 Bromeliaceæ
- .23 Hæmodoraceæ
- .24 Irideæ
- .25 Amaryllideæ
- .26 Taccaceæ
- .27 Dioscoreaceæ
- .3 **Coronarieæ**
- .31 Roxburghiaceæ
- .32 Liliaceæ
- .34 Pontederiaceæ
- .35 Philydraceæ
- .36 Xyrideæ
- .37 Mayaceæ
- .38 Commelinaceæ
- .39 Rapateaceæ
- .4 **Calycineæ**
- .41 Flagellarieæ
- .45 Juncaceæ
- .5 Palmæ
- .6 **Nudifloreæ**
- .61 Pandaneæ
- .62 Cyclanthaceæ
- .63 Typhaceæ
- .64 Aroideæ
- .68 Lemnaceæ
- .7 **Apocarpeæ**
- .71 Triurideæ
- .72 Alismaceæ
- .74 Naiadaceæ
- .8 **Glumaceæ**
- .81 Eriocaulææ
- .82 Centrolepideæ
- .83 Restiaceæ
- .84 Cyperaceæ
- .9 Gramineæ

## 585 Gymnospermæ

- .1 **Gnetaceæ**
- .2 **Coniferæ**
- .9 **Cycadaceæ**

## 586 Cryptogamia

## 587 Pteridophyta

- .1 **Isoetææ**
- .2 **Equisetæ**
- .3 **Filicinæ**
- .9 **Lycopodinæ**

588 Bryophyta

- .1 Sphagna
- .2 Musci
- .3 Hepaticæ
- .4 Characeæ

589 Thallophyta

- .1 Lichenes
  - .11 Basidiolichenes
  - .15 Ascolichenes
  - .16 Angiocarpæ
  - .17 Gymnocarpæ
  - .18 Gelatinosæ
  - .19 Byssaceæ
- .2 Fungi
  - .21 Carposporeæ
    - .22 Basidiomycetes
      - .221 Gasteromycetes
      - .222 Hymenomycetes
      - .224 Tremellinæ
      - .225 Uredineæ
      - .227 Ustilagineæ
      - .229 Entomophthoreæ
    - .23 Ascomycetes
      - .231 Tuberaceæ
      - .233 Discomycetes
      - .235 Pyrenomycetes
      - .238 Gymnoasceæ
    - .24 Oosporeæ
      - .25 Peronosporæ
      - .26 Saprolegniæ
    - .27 Zygosporæ
      - .28 Zygomycetes
      - .29 Myxomycetes, mycetozoa

.3 Algæ

- .4 Carposporeæ
  - .41 Florideæ
  - .47 Coleochaeteæ
- .5 Oosporeæ
- .6 Zygosporæ
  - .61 Conjugateæ
  - .67 Zoosporeæ

.7 Protophyta

- .8 Chlorophyllaceæ
- .9 Achlorophyllaceæ
  - .91 Saccharomycetes Yeast
  - .95 Schizomycetes Bacteria Microbes

See also 614.41 Origin of infectious diseases; 616.01 Germ theory of disease

## 590 Zoology

590.1 Philosophy, classification  
lectures, etc. .2 Compendis .3 Dictionaries .4 Essays,  
.5 Periodicals .6 Societies .7 Study and teaching, zoologic  
gardens, aquaria, museums .8 Collectiv works .9 History

## 591 Physiologic zoology

- .1 Physiology
  - .11 Circulation
  - .12 Respiration
    - .121 Nature
    - .122 Dermal
    - .123 Aquivascular
    - .125 Branchial
    - .126 Tracheal
    - .127 Pulmonary
    - .129 Exhalation of aqueous vapor
  - .13 Nutrition
    - .131 Acquisition of food
    - .132 Digestion of food
    - .133 Assimilation of food
    - .134 Growth
    - .135 Development
    - .136 Repair of waste
    - .137 Production of organic material
    - .138 Conditions of nutritiv activity
    - .139 Longevity, vitality
  - .14 Secretion and excretion
    - .141 Mucous and sebaceous
    - .142 Sericeous
    - .143 Digestiv: salivary, gastric, pancreatic
    - .144 Odoriferous, sweet, etc.
    - .145 Poisonous, gall formation, caprification
    - .146 Mammary, spermatic
    - .147 Lacrimal
    - .148 Biliary
    - .149 Urinary and fecal
  - .15 Variation See also 575.2 Evolution
    - .151 Polymorphic
    - .152 Geografic
    - .153 Heterofagic
    - .154 Polygoneutic
    - .155 Mimetic
    - .156 Sexual
    - .157 Colorational
    - .158 Hybrids
    - .159 Monstrosities

591.16	Generation		
.161	Abiogenesis		
.162	Parthenogenesis, neuters		
.163	Metagenesis, pedogenesis, nurses		
.165	Fission and gemmation		
.166	Fecundation		
.167	Hermaphrodites		
.168	Vivipara		
.169	Superfetation		
.17	Histogenesis		
.171	Development of sperm cells		
.172	Development of germ cells, micropyle		
.179	Reparation of wounds		
.18	Nervous functions and sensation		
.19	Physiologic chemistry		
.2	<b>Pathology</b>		
.3	<b>Embryology</b>		
.33	Development of embryo		
.34	Metamorphosis, larva, pupa, molting		
.35	Hypermetamorphosis		
.36	Production of sexes		
	See also 575.9 Origin of sexes		
.4	<b>Morfology</b>	<b>Comparativ anatomy</b>	<b>Homologies</b>
.41	Circulatory organs		
.42	Respiratory organs		
.43	Nutritory organs		
.44	Secretory and excretory organs		
.45			
.46	Generatory organs		
.47	Motory organs		
.48	Nervous system		
.49	Integument	Dermoskeleton	Skeleton
.5	<b>Habits and behavior</b>		
	Including popular books; animal stories, except fiction		
.51	Instinct	Reason	
.52	Abode	Migration	
.53	Food		
.54	Seasons	Hibernation	
.55	Sociability		
.56	Philoprogenitvness	Breeding	
.57	Means of protection	Fascination	
.58			
.59	Other habits		

DECIMAL CLASSIFICATION

- 591.6 **Economic**
- .61 Usefulness
  - .62 In nature
  - .63 As food and medicin for man
  - .64 In chemistry and manufactures
  - .65 Noxiousness
  - .66 Offensiv animals
  - .67 Animals causing diseases [substances
  - .68 Injuring vegetable and animal products and inorganic
  - .69 Injuring living plants and animals Parasites
  - .7 **Organograpy Descriptiv anatomy**  
Subdivided like 591.4 Morfology
  - .8 **Histology** See also 578.9 Microscopic zoology
  - .9 **Geografic distribution of animals**  
Subdivide like 930-999, using .92 for ocean, marine fauna
- 592 **Invertebrates**
- 593 **Protozoans Radiates**
- .1 **Protozoans**
  - .11 Rhizopoda
  - .12 Foraminifera
  - .13 Heliozoa
  - .14 Radiolaria Polycystina
  - .15 Infusoria
  - .16 Flagellata
  - .17 Ciliata
  - .18
  - .19 Gregarinidæ
  - .2 **Radiates**
  - .3 **Cœlenterata** Acalepha (old use of term, now limited to 593.73)
  - .4 Sponges Porifera Spongia
  - .5 Cnidaria
  - .6 **Actinozoa Polyps Corals and sea anemones**
  - .61 Rugosa Tetracorolla
  - .62 Alcyonaria Octocorolla
  - .63 Zoantharia Hexacorolla
  - .64 Antipatharia
  - .65 Actinaria
  - .66 Madreporaria
  - .7 **Hydrozoa**
  - .71 Hydromedusæ
  - .72 Siphonophora
  - .73 Acalepha
  - .74 Calycozoa
  - .76 Marsupialida
  - .77 Discophora Jelly fish
  - .8 Ctenophora Jelly fish



- 593.9 **Echinodermata**  
 .91 Crinoidea, sea lilies  
 .92 Asteroidea, star fish  
 .93 Stelleridea  
 .94 Ophiuridea  
 .95 Echinoidea, sea urchins  
 .96 Holothuroidea, sea cucumbers  
 .97 Pedata  
 .98 Apoda  
 .99 **Enteropneusta**

594 **Mollusks**

- .1 **Lamellibranchiata** **Bivalvs**  
 .2 **Scaphopoda**  
 .3 **Gastropoda** **Univalvs: snails, slugs** See also 632 Pests  
 .4 **Pteropoda** **Wingd shells**  
 .5 **Cephalopoda** **Squids and cuttle fish**  
 .6 **Molluscoidea**  
 .7 **Bryozoa** (Polyzoa) **Sea mats**  
 .8 **Brachiopoda** **Lamp shells**  
 .9 **Tunicata** (Ascidia) **Sea grapes**

595 **Articulates**

- .1 **Worms** **Vermes** See also 632 Pests  
 .2 **Arthropoda**  
 .3 **Crustacea**  
 .31 **Entomostraca** **Cyclops, shrimps, etc.**  
 .32 **Phyllopoda**  
 .33 **Ostracoda**  
 .34 **Copepoda**  
 .35 **Cirripedia** **Barnacles, etc.**  
 .36 **Malacostraca** **Sandbugs, crabs, lobsters, etc.**  
 .37 **Arthrostraca**  
 .38 **Thoracostraca**  
 .39 **Gigantostraca** **Trilobites**  
 .4 **Arachnida** **Spiders** **Scorpions** **Mites** See also 632 Pests  
 .5 **Onychophora**  
 .6 **Myriopoda: centipedes, etc.** See also 632 Pests  
 .7 **Insects** **Insecta** **Hexapoda** See also 632 Pests  
 .71 **Thysanura: bristletails, springtails, etc.**  
 .72 **Orthoptera: grasshoppers, etc.**  
 .73 **Pseudoneuroptera: dragon-flies, white ants, etc.**  
 .74 **Neuroptera: caddis flies, etc.**  
 .75 **Rhynchota: (hemiptera) bugs, etc.**  
 .76 **Coleoptera: beetles**  
 .77 **Diptera: flies, etc.**  
 .78 **Lepidoptera: butterflies, moths**  
 .79 **Hymenoptera: bees, wasps, etc.**

- 596 Vertebrates
- 597 Fishes Pisces
- .1 Pharyngobranchii Lancelet
  - .2 Marsipobranchii Lampreys
  - .3 Elasmobranchii Sharks, rays, etc.
  - .4 Ganoidei Sturgeons, garpikes, etc.
  - .5 Teleostei: true bony fishes
  - .6 Batrachia (Amphibia)
  - .7 Ophiomorpha
  - .8 Anura Toads, frogs
  - .9 Urodela Salamanders
- 598 Reptils Birds
- .1 Reptils
  - .11 Lacertilia Lizards
  - .12 Ophidia Snakes
  - .13 Chelonia Turtles
  - .14 Crocodilia Crocodiles
  - .15 Ichthyopterygia
  - .16 Sauropterygia
  - .17 Anomodontia
  - .18 Pterosauria
  - .19 Dinosauria
  - .2 Birds Aves
  - .3 Grallatores, waders
  - .4 Natatores, swimmers
  - .5 Cursores, runners
  - .6 Rasores, scratchers
  - .7 Scansores, climbers
  - .8 Insesores, perchers
  - .9 Raptores, birds of prey
- 599 Mammals Mammalia
- .1 Monotremata Duckbill platypus
  - .2 Marsupialia Kangaroos, opossums
  - .3 Edentata Rodentia Insectivora Sloths Rodents
  - Moles
  - .4 Cheiroptera Bats
  - .5 Cetacea Sirenia Whales, etc.
  - .6 Proboscidea Hyracoidea Elephants Hyrax
  - .7 Ungulata Carnivora Domestic mammals See also 636
  - .8 Quadrumana Apes
  - .9 Bimana Man See also 573 Nat. hist. of man; 610 Medicin

# Useful Arts

---

## 600 Useful arts

601 Philosophy Theories, etc.

602 Compendis, outlines

603 Dictionaries, cyclopedias

604 Essays, lectures, addresses

605 Periodicals, magazines, reviews

606 Societies Fairs Exhibitions

Special exhibitions go with their topics. This is general only

607 Education Schools of technology

Divided like 940-999

608 Patents Inventions

609 History of useful arts in general

For its history, see each special department

# 610 **Medicin**

610.1 Philosophy, theories .2 Compendis .3 Dictionaries, cyclopedias .4 Essays  
 .5 Periodicals .6 Societies .7 Study and teaching .71 Medical schools;  
 divided like 940-999 .72 Medical education of women .73 Training schools  
 for nurses .77 Medical museums .8 Collections .9 History of medicin

# 611 **Anatomy**

See also 591.4 Comparativ anatomy; 591.8 Zoologic histology

## SUMMARY

- 611.01 Theory
  - .012 Teratology
  - .013 Embryology
  - .014 Anthropologic anatomy
  - .016 Paleontologic "
  - .018 Histology
  - .019 Comparativ anatomy
    - .1 Circulatory system
    - .2 Respiratory "
    - .3 Digestiv "
    - .4 Glandular and lymphatic system
    - .6 Genito-urinary system
    - .7 Motor and integumentary system
    - .8 Nervous system
    - .9 Regional anatomy
- .01 **Theory**
- .011 Notion, definition, value
- .012 Classification, division
- .014 Terminology
- .012 **Teratology Anomalies**  
 To be subdivided like revised 617.3 Orthopedic surgery
- .013 **Ontogeny Embryology**  
 See also physiology, 612.6 Reproduction and development
  - I **Germinativ cells**
  - II **Sperm**
  - I2 Spermatogenesis See also 611.63 Male genital organs
  - I5 **Ovum**
  - I6 Ovogenesis See also 611.65 Female genital organs
  - I7 Maturation Corpus luteum
  - 2 **Copulation Fecundation Fertilization**  
 See also Fecundation, in botany 581.166; in zoology 591.3
  - 3 **Germ layers**
    - 3I **Segmentation Cleavage Blastula**
    - 3I4 Blastula
    - 32 **Gastrula**
    - 33 **Primitiv streak**
    - 34 **Blastopore** Primitiv mouth
    - 35 **Archenteron** Primitiv gut
    - 36 **Neurenteric canal**
    - 37 **Entoderm, entoblast, hypoblast or endoderm**
    - 38 **Ectoderm, epiblast or ectoblast**
    - 39 **Mesoderm or mesoblast**
    - 395 Mesenchyme
    - 4 **Entodermic, entoblastic or hypoblastic organs**
    - 4I **Notochord**
    - 5 **Ectodermic, epiblastic or ectoblastic organs**  
 Epidermal layer
    - 5I **Neural furrows, folds and canal or medullary plates**  
 See also 611.8 Nervous system

- 611.0136 Mesodermic organs
- 61 Protovertebrae Mesoblastic somites, or primitiv  
vertebrae
- 64 Somatopleure, body wall, or musculocutaneous plate  
Outer lamella of lateral plates
- 65 Splanchnopleure, fibrous wall of alimentary canal, or  
gut fiber plate  
Inner lamella of lateral plates
- 66 Coelom, pleuroperitoneal or body cavity  
See also 611.389 Coelom
- 68 Blood or primitiv vessel wall  
See also 611.0185 Histology of blood
- 7 External form of embryo
- 8 Fetal appendages
- 81 Vitellin sac
- 82 Allantois
- 83 Amnion
- 835 Amniotic fluid
- 84 Chorion
- 85 Placenta Umbilic cord
- 9 Experimental embryology
- .014 Anthropologic anatomy  
See also 572 Anthropology
- .016 Paleontologic anatomy  
See also 560 Paleontology
- .018 Histology  
Microscopic structure of organs
- I Cells Cytology  
See also 576.3 Cytology For special cells see tissues to which  
they belong
- 11 Protoplasm
- 13 Nucleus
- 15 Cell division See also 611.01331
- 16 Centrosome
- 18 Cilia Cellular membrane
- 2 Connectiv tissue  
Connectiv, cartilage and bone tissue together known as 'sup-  
porting tissues'
- 21 Connectiv tissue cells
- 22 Connectiv tissue fibers
- 23 Ground substance or matrix
- 24 Reticular and adenoid tissue  
Areolar or interstitial tissue Reticulum
- 25 Mucous or gelatinous tissue Mesenchyme  
See also embryology, 611.013395 Mesenchyme
- 26 Adipose or fat tissue
- 27 Elastic or yellow fibrous tissue
- 28 Fibrous or white fibrous tissue
- 29 Pigment and pigment cells.
- 3 Cartilaginous tissue  
True or hyalin cartilage, cartilage cells or chondroblasts For  
Elastic, yellow fibrocartilage, or reticular cartilage see  
611.01827; for Fibrocartilage, fibrous or white fibrocartilage  
see 611.01828
- 34 Perichondrium

DECIMAL CLASSIFICATION

611.0184	Bone or osseous tissue		
41	<b>Bone cells</b>		
	Osteoblasts	Osteoclasts	Howship's lacunae Myelo plaques of Robin
43	<b>Ground substance or matrix</b>		
	Spongiosum, spongy substance, or cancellated or spongy bone		
	Compact substance		
	Structure: lacunae, canaliculi, lamellae, Haversian canals		
	Volkman's canals		
44	<b>Periosteum</b>		
	Osteogenetic layer or cells; fibers of Sharpey		
46	<b>Bone marrow or medulla</b>		
5	Blood		
	See also physiology, 612.11 Blood		
	For sperm, see 611.01311 and 612.616		
57	<b>Lymph.</b>		
	See also 612.42 Lymphatic system		
6	<b>Muscular tissue</b>	Sarcoplasm	
61	<b>Smooth, unstriped, unstriated or involuntary muscle</b>		
62	<b>Striped, striated or voluntary muscle</b>		
	Sarcolemma		
63	<b>Cardiac muscle</b>		
64	Histology of muscular contraction		
7	<b>Epithelial tissue</b>		
72	<b>Glandular system</b>		
73	<b>Mucous membranes</b>		
74	<b>Serous</b>	“	Endothelia
8	<b>Nervous tissue</b>		
81	<b>General structure</b>	Tectology	Neurone
	<b>Regeneration</b>		
82	<b>Nerv cells</b>		
	Protoplasm: Nissl's bodies; reticular, fibrillar, and canalicular structures; pigment. Nucleus. Centrosome. Cell membrane and division		
83	<b>Prolongations and nerv fibers</b>		
	Cylinder-axis process; cylinder axis. Appendixes, varicosities		
833	Neurilemma	Schwann's sheath	
834	Myelin	Ranvier's nodes	Medullary sheath
835	Adventitious sheath, perineurium		Epineurium
	Endoneurium		
837	Dendrites		
84	<b>Neuroglia</b>	Ependymal cells, amyloids	
86	<b>Terminations</b>		
861	Motor terminations		
866	Sensory “		
.019	<b>Comparison with anatomy of lower animals</b>		
	Usually better class in 591.4		
	<b>Form divisions</b>		
.02	Compendis		
.03	Dictionaries	Cyclopedias	
.04	Essays	Addresses	
.05	Periodicals		
.06	Societies	Clubs	

- 611.07 Teaching Methods  
 .072 Laboratories Dissection  
 .077 Pedagogic methods  
 .078 Instruments Apparatus  
 .08 Polygrafy  
 .09 History
- .I Circulatory system**
- .II Pericardium**
- .I2 Hart**
- .122 Left hart  
 .123 Right hart
- .I24 Ventricles**  
 2 Right 5 Left
- .I25 Auricles**  
 2 Right 5 Left
- .I26 Endocardium**  
 Valvs
- 3 Auriculoventricular valvs  
 4 Mitral or bicuspid valvs  
 42 Tricuspid valvs  
 46 Valvs of aorta and of pulmonary artery  
 5 Sinuses of Valsalva  
 52 Aortic valvs  
 56 Pulmonary or semilunar valvs  
 6 Valvs of right auricle  
 2 Eustachian 5 Coronary
- .I27 Myocardium**
- .I3 Arteries**
- .I31 Pulmonary artery**  
 2 Right branch 5 Left branch
- .I32 Aorta**  
 1 Aortic arch Ascending aorta  
 2 Coronary arteries  
 2 Right 5 Left  
 5 Innominate artery
- .I33 Carotid arteries**  
 1 Common carotid  
 2 External "
- 21 Superior thyroid  
 22 Lingual  
 23 Facial, or external maxillary  
 24 Ascending pharyngeal  
 25 Posterior auricular  
 26 Occipital  
 27 Superficial temporal  
 28 Internal maxillary  
 281 Sphenopalatin arteries  
 289 Middle or great meningeal
- 3 Internal carotid  
 32 Ophthalmic artery  
 33 Cerebral arteries, anterior and middle  
 For posterior cerebral artery see 611.1349

DECIMAL CLASSIFICATION

611.134

**Subclavian arteries**

- 1 **Axillary**  
Superior thoracic, acromiothoracic, long thoracic or external mammary, alar thoracic, subscapular, posterior and anterior circumflex
- 2 **Brachial or humeral**  
Superior and inferior profunda, nutrient, anastomotica magna, muscular
- 3 **Forearm arteries**
- 31 Radial
- 35 Ulnar
- 4 **Hand arteries**
- 5 **Internal mammary** Superior epigastric
- 6 **Costocervical trunk**
- 7 **Thyrocervical trunk**
- 8 **Posterior, or dorsal scapular, transversa colli**
- 9 **Vertebral** Basilar, posterior cerebral, circle of Willis

.135

**Thoracic aorta and branches**

- 1 **Parietal branches**
- 4 **Intercostal** "  
Subcostal, diaframatic, vas aberrans
- 5 **Visceral branches**  
Bronchial, esophageal, pericardial, mediastinal

.136

**Abdominal aorta and branches**

- 1 **Inferior phrenic**
- 2 **Lumbar**
- 3 **Middle sacral; caudal**
- 4 **Celiac axis**  
Celiac mesenteric, umbilic mesenteric or omphalomesenterica
- 41 **Hepatic**  
Pyloric, gastroduodenal, superior pancreaticoduodenal, right gastro-epiploic, cystic
- 42 **Splenic, lienalis**  
Pancreatic, vasa brevia, left gastro-epiploic
- 43 **Left gastric, gastric, or coronary gastric**
- 5 **Mesenteric**
- 51 **Superior mesenteric**  
Rami intestini tenuis, or branches of small intestine; inferior pancreaticoduodenal; middle, right and ileocolic; terminal and appendicular branches
- 52 **Inferior mesenteric**  
Left colic, sigmoid, superior hemorrhoidal
- 6 **Middle suprarenal**
- 7 **Renal**
- 8 **Spermatic**
- 9 **Ovarian**

.137

**Iliac arteries**

- 1 **Common iliac**
- 2 **Hypogastric, or internal iliac**
- 3 **Parietal branches**
- 4 **Lateral sacral**
- 5 **Obturator**



611.1376

Gluteal

- 61 Superior gluteal
- 65 Inferior gluteal      Sciatic

Visceral branches

- 71 Umbilic, superior vesical
- 72 Inferior vesical and deferential
- 73 Uterin and vaginal
- 74 Middle hemorrhoidal
- 75 Internal pudic

External iliac artery

- 81 Inferior epigastric, or deep epigastric
- 82 Deep circumflex iliac
- 83 Femoral
- 84 Deep femoral, profunda femoris
  - 2 External circumflex
  - 5 Internal circumflex
- 85 Arteria genu suprema, or anastomotica magna
- 86 Popliteal
- 87 Anterior tibial
- 9 Tibiofibular trunk, truncus tibioperoneus
- 91 Posterior tibial
- 92 Peroneal
- 93 Arteries of foot
- 94 Dorsalis pedis
  - Tarsal, metatarsal, dorsal interosseous, dorsalis hallucis
- 95 Plantar

Veins

.I4

Pulmonary

.I41

Cardiac or venae cordis

.I42

Subintestinal, or fetal portal vein

.I43

Cardinal

.I44

Superior vena cava

.I45

Innominate veins      Veins of neck

I

Internal jugular vein

Thyroid veins

11

Cerebral veins      Sinuses of dura mater

13

Emissary vein

15

Superior ophthalmic

16

Inferior      "

17

Facial

2

External jugular

3

Posterior external jugular and vertebral

4

Subclavian and axillary

41

Deep veins of upper extremity

46

Superficial veins of upper extremity

2 Basilic      5 Cephalic

6

Azygos

7

Spinal veins

DECIMAL CLASSIFICATION

- 611.146 **Inferior vena cava**  
 1 Lumbar veins  
 2 Renal "  
 3 Suprarenal "  
 4 Hepatic "  
 5 Inferior phrenic  
 6 Spermatic  
     Pampiniform or spermatic plexus  
 7 Ovarian
- .147 **Iliac veins**  
 1 Hypogastric or internal iliac  
     Hemorrhoidal plexus  
 2 External iliac  
 3 Femoral Popliteal  
 33 Long, or internal saphenous  
 37 Tibial veins  
 38 Short, or external saphenous  
 39 Veins of foot
- .149 **Portal vein**  
 1 Superior mesenteric  
 2 Inferior "  
 3 Ventricular coronary, gastric, or venae gastricae Pyloric  
 4 Splenic, or lienalis  
 5 Cystic  
 7 Fetal hepatic veins Omphalomesenteric  
     Ductus venosus Aranzii, or sinus venosus, large vein passing  
     directly thru fetal liver  
 8 Umbilic
- .15 **Capillaries**
- .2 **Respiratory system**
- .21 **Nose**  
     See also 611.86 Organs of smell
- .211 **External nose**
- .22 **Larynx**
- .221 **Cartilages**  
     Epiglottis, thyroid, arytenoid, cuneiform, cornicular
- .223 False vocal cords
- .224 Ventricles
- .225 **Cavity of larynx Glottis**  
     True vocal cords Rima glottidis or chink of glottis
- .227 Ligaments
- .229 **Muscles of larynx**
- .23 **Trachea and bronchi**
- .231 **Trachea**
- .233 **Bronchi**  
     See also 611.24 below
- .24 **Lungs, or pulmones**
- .25 **Pleura**
- .26 **Diafram**
- .27 **Mediastinum**
- .28 **Gills**  
     See comparativ anatomy, 591.42 Respiratory organs
- .29 Other organs, including air bladder, swimming bladder See 591.42

- 611.3 Digestiv system**
- .31 Mouth, buccal cavity or cavum oris
  - .313 **Tung**
    - <sup>5</sup> Papillae
  - .314 **Teeth**
  - .315 **Palate, palatum, or roof of mouth**      Soft palate, or velum pendulum palati      Uvula
  - .316 **Salivary and other glands of mouth**
    - <sup>1</sup> Submaxillary and sublingual glands
    - <sup>5</sup> Parotid glands      Stenson's duct
  - .317 **Lips**
  - .318 **Cheeks**
  - .32 **Pharynx**      **Esophagus**
  - .321 **Pharynx**
  - .322 **Tonsils**
    - .323 Faucial tonsils
    - .324 Pharyngeal or Luschka's tonsils
    - .325 Lingual, buccal or 4th tonsil
    - .326 Other tonsils: laryngeal, nasal
    - .327 **Topograpy or regions of pharynx**
      - <sup>1</sup> Nasal or epipharynx
      - <sup>2</sup> Oral, buccal, or meso pharynx
      - <sup>3</sup> Laryngeal or hypo pharynx
      - <sup>4</sup> Back
      - <sup>5</sup> Sides
  - .329 **Esophagus**
    - <sup>1</sup> Cervical      <sup>2</sup> Thoracic section      <sup>3</sup> Abdominal section, including diaframatic
  - .33 **Stomach**
    - Gastric glands: true, oxyntic or peptic; pyloric; cardiac
    - .333 Cardia
    - .334 Pylorus
    - .335 Greater curvature, or lower convex surface
    - .336 Lesser      "      " upper concave      "
  - .34 **Intestin**
  - .341 **Small intestin**
    - <sup>2</sup> Meckel's diverticulum
    - <sup>3</sup> Peyer's patches, or tonsillae intestinales
    - <sup>4</sup> Plicae circulares
    - <sup>5</sup> Glands of Lieberkühn and solitary glands
    - .342 Duodenum      Bränner's glands
    - .343 Jejunum
    - .344 Ileum
  - .345 **Cecum**
    - <sup>1</sup> Ileocecal valv
    - <sup>2</sup> Vermiform appendix
  - .347 **Large intestin**
    - Including cecum      Appendices epiploicae
  - .348 **Colon**
    - <sup>2</sup> Ascending
    - <sup>3</sup> Transverse
    - <sup>4</sup> Descending
    - .349 Sigmoid flexure
  - .35 **Rectum**      **Anus**
  - .351 Rectum      Houston's or rectal valvs
  - .352 Anus
  - .353 Perineum      See also 611.96

DECIMAL CLASSIFICATION

611.36

Liver

- .361 Bile ducts Bile capillaries or canaliculi
- .362 Hepatic duct
- .366 Cystic duct Gall bladder
- .367 Common bile duct, or ductus communis choledicus  
Process and ampulla of Vater

.37

Pancreas

- .373 Pancreatic duct, or canal of Wirsung
- .375 Duct of Santorini
- .376 Glandular portion
- .377 Interlobular cell-islets, interlobular cell masses, islands of Langerhans

.38

Peritoneum Mesentery Omentum Coelom

.381

Peritoneum

- 2 Parietal 5 Visceral
- .382 Omentum, epiploon  
Lesser or gastrohepatic, great or gastrocolic, gastrosplenic
- .383 Mesentery  
Transverse and sigmoid mesocolon; mesorectum; mesoappendix
- .384 Retroperitoneal fossae
- .389 Coelom or pleuroperitoneal cavity

.39

Adipose bodies

.4

Glandular and lymphatic system

Put glands of any special system with that system. See 611.36, Liver; 611.61, Kidneys; 611.316, Salivary glands; 611.69, Mammary glands. But class here chromaffin tissue in general

.41

Spleen

- .415 Malpighian bodies
- .418 Capsule of spleen

.42

Lymphatic vessels or lymphatics and capillaries

For lymphatics of an organ or tissue, see name of organ or tissue  
Lymphatic spaces

.421

Lymphatics by region

- 1 Head
- 2 Face
- 3 Neck
- 4 Thorax
- 5 Abdomen
- 6 Pelvic region
- 7 Upper extremity  
2 Arm 4 Forearm 6 Hand
- 8 Lower extremity  
2 Thigh 4 Leg 6 Foot
- 9 Tail

.423

Receptaculum chyli or cistern of Pecquet

.424

Thoracic duct (left)

.425

Right lymphatic duct

.426

- Lacteals
- 5 Villi

.43

Thymus

- .435 Accessory thymus

.44

Thyroid gland

- .445 Accessory or aberrant thyroids
- .447 Parathyroids

.45

Suprarenal capsules or bodies

Accessory suprarenal capsules

611.46

**Lymphatic glands**

- .461 Glands of head
- .462 " " face
  - Internal maxillary      Submental
- .463 Glands of neck
  - 1 Suboccipital or occipital
  - 2 Mastoid, retroauricular or postauricular
  - 6 Retropharyngeal
  - 7 Cervical or jugular
  - 8 Subclavian
- .464 Glands of thorax
  - 1 Diaframatic
  - 2 Mammary lymph
  - 3 Intercostal
  - 4 Mediastinal
- .465 Abdominal lymph glands
  - 1 Iliac and hypogastric: sacral, lumbar
  - 2 Abdomino-aortic
    - 21 Juxta-aortic
    - 22 Preaortic: gastric, splenic, hepatic
    - 23 Retroaortic
  - 4 Glands of small intestine: mesenteric
  - 6 Glands of large intestine: colic, rectal
- .467 Lymph glands of upper extremity
  - 1 Axillary
  - 2 Epitrochlear or supratrochlear and other glands
  - 5 Pectoral
- .468 Lymph glands of lower extremity
  - 1 Inguinal
  - 2 Femoral
  - 3 Popliteal
  - 4 Anterior tibial

.47 Carotid gland or body

.48 Coccygeal gland

.6 Genito-urinary system      **Brests**

.61 Kidneys

Class here urinary organs in general

.615 Uriniferous tubules

.617 Ureter

.618 Pronephros  
.619 Mesonephros

.62 Bladder      Urethra

.621 Bladder

3 Urethral openings

.622 Ligaments: urachus

For pedicle of allantois see also embryology, 611.01382

.623 Urethra

For female urethra see 611.674

- 1 Prostatic part
  - Verumontanum or caput gallinaginis
  - Sinus pocularis or uterus masculinus
- 2 Membranous part
- 3 Spongy, cavernous or penial part
- 4 Lacunae      Littre's glands
- .627 Bulbo-urethral or Cowper's glands
- .629 Urogenital sinus

DECIMAL CLASSIFICATION

- 611.63 Male genital organs
- .631 Testicles or testes
- 1 Seminiferous tubules
- Straight tubules, tubuli recti or vasa recta; coni vasculosi or vasa efferentia
- 3 Tunics of testes: vaginalis, albuginea, vasculosa
- 5 Mediastinum testis or Highmore's body; rete testis of Haller or Haller's network
- .632 Epididymis
- .633 Appendixes of testes
- Vasa aberrantia; hydatids of Morgagni, or pedunculated bodies; paradidymis or organ of Giraldès
- .634 Vas deferens
- .635 Ejaculatory ducts
- .636 Seminal vesicles
- .637 Prostate
- .638 Scrotum
- 4 Dartos
- .639 Spermatic cord
- Infundibula; intercolumnar or spermatic and cremasteric fascia
- .64 Penis
- .641 Root
- .642 Body Prepuce
- .643 Glans penis, or acorn
- .644 Meatus
- .645 Corpora cavernosa
- .646 Corpus spongiosum
- .647 Bulb of urethra
- .65 Female genital organs Adnexa
- .651 Ovaries
- 1 Medullary substance Stroma
- 2 Graafian follicles
- Capsule of ovum, membrana granulosa, discus proligerus
- 3 Cortical layer
- .652 Corpus luteum or corpora lutea
- See also embryology 611.01317
- .656 Fallopian tubes
- .66 Uterus
- .662 Endometrium
- .664 Cornua
- .665 Body or parenchyma
- .666 Neck, cervix
- .667 Ligaments
- For placenta see embryology, 611.01385 and gynecology 618.36
- 2 Broad or lateral
- 3 Round Canal of Nuck
- 4 Uterosacral and uterolumbar Pouch of Douglas
- Posterior ligaments
- 6 Epoophoron, parovarium, or organ of Rosenmüller Gärtner's duct
- 7 Paroophoron
- .669 Müller's duct Oviducts of lower vertebrates
- Class oviducts of lower vertebrates in 591.46 except in comparison with human organs
- .67 Vagina Vulva
- .671 Vagina
- .672 Hymen Vestibulum
- .673 Vulva
- 1 Mons veneris 2 Labia majora 3 Labia minora
- .674 Female urethra
- .675 Clitoris Bulbus vestibuli
- .677 Bartholini's, or vulvo-vaginal glands
- .69 Brests
- .691 Nipple and areola Glands of Montgomery
- .692 Acini, acinous glands
- .693 Galactophorous or lactiferous ducts

611.7	<b>Motor and integumentary systems</b>
.71	Osteology      Bones      Skeleton
.711	<b>Spinal colum</b>
1	Cervical vertebrae
2	Atlas
3	Axis or epistropheus
5	Thoracic or dorsal vertebrae
6	Lumbar vertebrae
7	Sacrum or sacral vertebrae
8	Coccyx
.712	<b>Ribs      Thorax</b>
5	Costal cartilages
.713	<b>Sternum or brest bone</b>
	Menubrium; gladiolus; zyphoid or ensiform
.714	<b>Bones of hed      Skull</b>
1	Calvaria or cerebral cranium
	Sutures, fontanelles, supernumerary or Wormian bones
3	Base of cranium
6	Orbits
7	Nasal cavity      Inferior conchae
.715	<b>Cranium, cranial bones</b>
1	Occipital
2	Sphenoid
3	Temporal
4	Parietal
5	Frontal
6	Ethmoid
7	Lacrimal
8	Nasal
9	Vomer
.716	<b>Bones of face or visceral cranium</b>
1	Maxillary, upper jaw or superior maxillary
2	Palate
3	Malar or zygomatic
4	Mandible, lower jaw or inferior maxillary
41	Alveolar limbus
43	Ramus of mandible
5	Hyoid
6	Skeleton branchiae      Better clast in 591.4
.717	<b>Bones of upper extremity</b>
1	Scapula, shoulder blade
	Shoulder girdle as a whole      Acromion
2	Clavicle or collar bone
3	Coracoid process
4	Humerus
5	Radius
6	Ulna
7	Carpus, carpal bones or wrist bones
71	Scaphoid or navicular
72	Semilunar, or os lunatum
73	Cuneiform, or os triquetrum
74	Pisiform
75	Trapezium, or os multangulum majus
76	Trapezoid or " " minus
77	Os magnum, or os capitatum
78	Unciform or hook or os hamatum
79	Central
8	Metacarpus, metacarpal bones
9	Phalanges of hand
91	Basilar or proximal phalanges
93	Middle phalanges
95	Ungual or distal phalanges
99	Sesamoid

DECIMAL CLASSIFICATION

611.718

**Bones of lower extremity**

For pelvis see 611.96

- I Hip bone, or os coxae or innominatum
  - Acetabulum or cotyloid cavity.
- 11 Ilium
- 12 Ischium
- 13 Pubis
- 4 Femur
- 45 Patella See also 611.7283 Knee joint and 611.983 Knee
- 5 Tibia
- 6 Fibula
- 7 Tarsus
  - 71 Astragalus, ankle bone, or talus
  - 73 Calcaneum, heel, or os calcis
  - 75 Cuboid
  - 76 Scaphoid or navicular
  - 78 Cuneiform or wedge bones
    - Internal or first, middle or second, external or third cuneiform
- 8 Metatarsal bones
- 9 Phalanges of foot
  - 91 Basilar or proximal phalanges
  - 93 Middle or second "
  - 95 Ungual or third "
  - 99 Sesamoid bones

.72 **Ligaments      Joints**

.721 **Articulations of vertebrae and of cranium**

- 1 Occipito-atlantal and occipito-axial
- 3 Intervertebral articulations
- 5 Atlanto-axial or atlo-axoid and atlanto-odontoid
- 6 Lumbosacral
- 7 Sacrococcygeal
- 8 Coccygeal

.722 **Costovertebral articulations**

.723 **Costosternal, costochondral, chondrosternal, interchondral, intersternal**

.724 **Jaw joint, temporomandibular, temporomaxillary or mandible joint**

.727 **Articulations of upper extremity**

- I Sternoclavicular joint and costoclavicular or rhomboid ligament
- 2 Articulations of shoulder
  - 21 Shoulder joint
  - 24 Acromioclavicular or scapuloclavicular joint      Coracoclavicular and coracoacromial ligaments
- 3 Elbow joint
  - 31 Humeroulnar joint
  - 33 Humeroradial joint
  - 34 Superior radioulnar or radioulnaris proximalis
- 4 Wrist joint
  - 41 Inferior or distal radioulnar joint
  - 44 Radiocarpal
- 5 Intercarpal articulation
  - 54 Middle carpal joints
  - 6 Carpometacarpal articulations
  - 7 Intermetacarpal "
  - 8 Metacarpophalangeal "
  - 9 Phalangeal or finger joints



611.728

**Articulations of lower extremity**

- I      **Articulations of pelvis**  
         Sacroiliac and pubic, or symphysis ossium pubis; sacrosciatic liga-  
         ment or symphysis sacrococcygea
- 2      **Hip joint, or articulo coxae**  
         Iliofemoral, Y or Bigelow's ligament; ligamentum teres
- 3      **Knee joint**  
     31      Crucial or femorotibial ligaments  
     33      Semilunar fibrocartilages  
     34      Anterior or ligamentum patellae  
     38      Tibiofibular ligaments
- 4      **Ankle joint**  
     41      Inferior tibiofibular joint  
     44      Tibiotarsal ligaments
- 5      **Intertarsal ligaments**  
     51      Astragalocalcaneal, calcaneoastragaloid or talocalcaneum; astraga-  
         loscapoid; calcaneoscaphoid or calcaneonavicular ligaments  
     53      Calcaneocuboid ligaments  
     54      Mediotarsal articulations  
     55      Cuboicuneiform "  
     56      Scaphoidcuboid or cubonavicularis, scaphoidcuneiform or cuneonavicularis articulations  
     58      Intercuneiform articulations
- 6      **Tarsometatarsal articulations**
- 7      **Intermetatarsal**                    "
- 8      **Metatarsophalangeal**            "
- 9      **Toe joints**

.729

**Classes of joints**

- 2      **Synarthrosis or fixt joint**
- 4      **Amphiarthrosis or mixt joint**
- 6      **Diarthrosis or movable joint**  
     61      Arthrodia or gliding joint  
     62      Condylarthrosis or knuckle joint  
     63      Enarthrosis or ball and socket joint  
     64      Ginglymus or hinge joint  
     65      Trochoid or pivot joint

.73

**Muscular system                    Myology**

.731

**Dorsal muscles**

- I      **Spinohumeral or humerospinal muscles**  
     11      Trapezius  
     12      Latissimus dorsi  
     13      Rhomboid  
     14      Levator scapulae
- 2      **Spinocostal or serrati posteriores**
- 3      **Spinodorsal**  
         Sacrosplanis, lumbosacral, erector spinae, transversalis cervicis  
     31      Iliocostal  
     36      Longissimus dorsi.
- 4      **Splenius and complexus**
- 5      **Spinalis dorsi**
- 6      **Transversospinales**  
     61      Semispinalis  
     65      Multifidus  
     68      Rotatores
- 7      **Breves spinae**  
     71      Interspinales  
     76      Intertransversarii
- 8      **Oblique muscles of hed**
- 9      **Recti capitis posterior and lateralis**

DECIMAL CLASSIFICATION

611.732

**Muscles of hed**

See also 611.7318-9 and 611.7337-8

- 1     **Platysma myoides**
- 2     **Occipitofrontalis or epicranial**
- 3     **Muscles of nose**  
Pyramidalis nasi, compressor nasi, compressor narium minor, depressor alae nasi or myrtiform, dilatores nasi
- 4     **Muscles of ear**     Attrahens, attollens, retrahens
- 5     **Palpebral and orbital muscles of eye**  
Orbicularis palpebrarum, or sphincter of eyelids; corrugator supercillii; levator palpebrae; levator palpebrae superioris; tensor tarsi  
See also 611.8461
- 6     **Buccal muscles**  
Buccinator, orbicularis oris, levator anguli oris, levatores labii superioris, levator labii superioris alaeque nasi, zygomatic, levator labii inferioris, levator menti, depressor labii inferioris or quadratus menti; depressor angulae oris or triangularis menti; risorius, or Santorini's muscle
- 7     **Muscles aiding mastication and deglutition**
  - 71     Masseter
  - 72     Temporal
  - 73     Pterygoid
  - 75     Muscles of palate and pharynx
  - 76     Palate  
Levator palati, tensor palati, azygos uvulae, palatoglossus, palatopharyngeus, salpingopharyngeus
  - 78     Pharynx  
Inferior, superior and middle constrictors, stylopharyngeus

.733

**Muscles of neck**

- 1     Sterno-cleido-mastoid
- 2     "     hyoid
- 3     Omohyoid
- 4     Sternothyroid
- 5     Thyrohyoid
- 6     Longus colli
- 7     Rectus capitis anticus major, or longus capitis
- 8     Rectus capitis anticus minor, or rectus capitis anterior  
For rectus capitis lateralis see 611.7319
- 9     Scaleni: anticus, medius and posticus

.734

**Hyoid muscles**

Depressors of lower jaw or elevators of hyoid. For tung see 611.313

- 1     Digastric
- 4     Stylohyoid
- 6     Mylohyoid
- 8     Geniohyoid

.735

**Thoracic muscles**

- 1     Pectoralis major
- 2     "     minor
- 3     Subclavius
- 4     Levatores costarum
- 5     Serratus magnus or serratus anterior
- 6     Intercostal
- 7     Subcostal
- 8     Transversus thoracis or triangularis sterni

.736

**Abdominal and coccygeal muscles**

- 1     Rectus abdominis
- 2     Pyramidalis abdominis
- 3     Oblique abdominal
- 6     Cremaster
- 7     Transversalis or transversus abdominis
- 8     Quadratus lumborum
- 9     Coccygeal

611.737

**Muscles of upper extremity**

- I Shoulder or axillary
- 11 Deltoid
- 12 Supraspinatus
- 13 Infraspinatus
- 14 Teres minor
- 15 Teres major
- 16 Subscapular
- 2 Arm
- 21 Biceps brachii, or biceps flexor cubiti
- 22 Coracobrachialis
- 23 Brachialis (anticus)
- 24 Triceps brachii, or triceps extensor cubiti
- 25 Anconeus
- 3 Forearm
- 4 **Pronator muscles**
- 41 Pronator radii teres
- 45 " quadratus
- 5 **Flexors of forearm**
- 51 Flexor carpi radialis
- 52 Palmaris longus
- 53 Flexor carpi ulnaris
- 54 " digitorum sublimis
- 55 " " profundus
- 56 " pollicis longus
- 6 **Extensors and supinators**
- 61 Brachioradialis
- 62 Extensor carpi radialis longus
- 63 " " " brevis
- 64 " " ulnaris
- 65 Extensors of fingers, or extensores digitorum
- 66 Supinator
- 67 Abductor pollicis longus
- 68 Short and long extensors of thumb, or extensores pollicis brevis et longus
- 69 Extensor of index finger, or extensor indicis proprius
- 7 **Muscles of hand**
- 71 Lumbricales
- 72 Palmaris brevis
- 73 Short abductor of thumb, or opponens pollicis
- Short flexor of thumb, or flexor brevis pollicis
- Adductor pollicis
- 76 Muscles of little finger
- Abductor digiti quinti (or minimi) brevis; opponens digiti quinti;
- short flexor of 5th or little finger, or flexor brevis digiti minimi
- 79 Interosseous muscles

.738

**Muscles of lower extremity**

- I Hip and nates
- 11 Iliopsoas
- 12 Iliacus
- 13 Psoas major and minor
- 14 Gluteal
- 15 Tensor fasciae latae, tensor fasciae femoris or tensor vaginae femoris
- 16 Piriformis
- 17 Obturator internus
- 18 Gemelli or gemini
- 19 Quadratus femoris

DECIMAL CLASSIFICATION

611.7382

- 21 Thigh muscles
  - 22 Sartorius
  - 22 Quadriceps femoris or quadriceps extensor femoris
    - Rectus femoris, vastus externus, vastus internus and crureus or vastus intermedius
  - 225 Articularis genu, or subcrureus
  - 23 Pectineus
  - 24 Adductors: longus, brevis, magnus and minimus
  - 25 Gracilis
  - 26 Obturator externus
  - 27 Biceps femoris or biceps flexor cruris
  - 28 Semitendinosus
  - 29 Semimembranosus
- 3 Leg
  - 4 Anterior muscles
    - 41 Anterior tibial or tibialis anticus
    - 42 Extensor digitorum longus
    - 43 " hallucis " or proprius
    - 46 Peronaeus tertius
  - 5 Other muscles of leg
    - 51 Peronaeus longus
    - 52 " brevis
    - 53 Gastrocnemius
    - 54 Soleus, triceps surae
    - 55 Plantaris
    - 56 Popliteus
    - 57 Posterior tibial
    - 58 Flexor digitorum longus
    - 59 " hallucis "
  - 7 Muscles of foot
  - 8 Back of foot
    - Extensor brevis digitorum
    - Sole of foot or plantar region
      - Adductor hallucis (obliquus and transversus), adductor digiti minimi, abductor hallucis; flexor hallucis brevis, flexor digitorum brevis, flexor accessorius, flexor digiti minimi brevis, lumbricales, interosseous muscles
- .739 Electric organs
  - Better clast in comparative anatomy
- .74 Tendons Fasciae
  - May be divided like 611.73; e. g. Achilles tendon 611.74854
- .75 Bursae Sheaths of tendons
- .751 Hed
- .752 Neck
- .753 Back
- .754 Shoulder
- .757 Upper extremity
- .758 Lower "
- .76 Connectiv tissue
  - See also 611.0182 Histology of connectiv tissue
- .77 Skin Glands of skin
  - .771 Cuticle, scarf skin or epidermis
    - Horny and Malpighian layers
  - .772 Glands of skin
    - .773 Sebaceous
    - .774 Sudoriferous or sweat
    - .775 Ciliary glands
    - .776 Circumanal "
    - .777 Ceruminous "
    - .778 Corium, cutis vera, true skin or dermis
      - Reticular and papillary layers
    - 5 Pigmentation
    - .779 Subcutaneous areolar tissue, tela subcutanea or panniculus adiposus

- 611.78 Hair, nails, scales, fethers, etc.  
 For teeth see 611.314 Fur, scales, fethers, horns, etc. better clast in  
 comparativ anatomy
- .781 Hair  
 .785 Scales  
 .786 Nails  
 .787 Fethers  
 .788 Horns
- .8 Nervous system Sense organs
- .81 Encephalon Brain  
 Measurement Weight
- .811 General structure of brain and cerebrospinal axis
- .812 Localizations
- .813 Telencephalon, or endbrain Prosencephalon, or fore-  
 brain Hemispheres  
 Longitudinal and transverse fissure
- I Pallium, brain mantle or cerebral cortex
- II Frontal lobe  
 Broca's convolutions
- 12 Parietal lobe Central fissure, sulcus centralis, or  
 Rolando's groove  
 Opercula insulae
- 13 Temporal or temporosphenoid lobe Fissure of Sylvius,  
 or fissura cerebri lateralis
- 14 Limbic lobe Gyrus fornicatus  
 Hippocampal gyre, or gyrus hippocampi Callosal gyre  
 Dentate gyre, or fascia dentata hippocampi Fasciola Pim-  
 bria, taenia fornicis or taenia hippocampi Hippocampus  
 major or cornu ammonis Dentate fissure, hippocampal  
 sulcus, or subiculum cornu ammonis Callosomarginal fissure  
 Amygdala, almond nucleus, or amygdaloid tubercle
- 15 Occipital lobe  
 Occipital or parieto-occipital fissure
- 16 Paracentral gyre or lobule
- 17 Cuneus Calcarin fissure
- 18 Precuneus, or quadrate lobe
- 19 Insula, iland of Reil, central lobe, or gyri operi
- 2 Striatum, striate body, or corpus striatum  
 Basal ganglion of hemisphere
- 21 Caudatum, taild nucleus, or nucleus caudatus
- 22 Lenticula, lenticular nucleus, or nucleus lentiformis  
 Globus pallidus, or pallidum, and putamen
- 23 Claustrum
- 25 Tenia, taenia semicircularis, stria terminalis or corneae
- 3 Rhinencephalon or rhinencefal  
 Olfactory bulb tract, substantia perforata anterior, precirbrum, etc.  
 Broca's area, or parolfactoria
- 7 Centrum ovale majus (of Vieussens) Centrum  
 semiovale Internal capsule
- 8 Paraceles or lateral ventricles
- 9 Callosum or corpus callosum Fornix  
 Septum pellucidum or lucidum, or septum Cavum septi pellucidi,  
 5th ventricle or pseudocele

DECIMAL CLASSIFICATION

- 611.814 **Diencephalon, diencefal, thalamencephalon or interbrain**
- 1 Hypothalamus or subthalamie tegmental region  
Nucleus of Luys or nucleus hypothalamicus  
Postcommissure or posterior commissure
- 2 Corpora albicantia, albicans, or corpus mammillare  
Bundle of Vicq-d'Azyr, or fasciculus thalamomammillaris
- 3 Hypophysis  
Hypophysis cerebri, pituitary body or somatic brain  
Tuber or tuber cinereum Infundibulum
- 4 Optic tract Optic chiasm or commissure
- 5 Epithalamus Pineal, pineal body, conarium or epiphysis  
Habenula, habena, or pedunculus conarii
- 6 Genuiculate bodies, or geniculum Metathalamus
- 7 Thalamus or optic thalamus  
Thalamic radiation: ansa peduncularis, ansa lenticularis  
For Nissl's bodies see 611.01882
- 8 Third ventricle, or diacele  
Porta or foramen of Monro, or foramen interventriculare
- .815 **Mesencephalon, midbrain or mesencefal**
- 3 Quadrigeminum  
Corpora or tubercula quadrigemina Quadrigeminal arms
- 4 Pedunculi or crura cerebri, crura or crus
- 41 Substantia nigra (Sömmering) or intercalatum  
See also nucleus of Luys 611.8141
- 42 Foot of peduncle, basis or pes pedunculi, or crusta
- 43 Tegmentum
- 44 Red nucleus, nucleus ruber, or rubrum
- 5 Nuclei of oculomoto and trochlear nervs
- 6 Aqueduct of Sylvius, aqueductus cerebri, or mesocele
- .816 **Isthmus rhombencephali**
- 3 Valv of Vieussens, or superior medullary velum
- 4 Superior cerebellar peduncles  
Prepeduncles, brachium conjunctivum cerebelli, or crura ad cerebrum
- 7 Lemniscus: mesial and lateral fillets
- .817 **Metencephalon or epencephalon, epencefal or hindbrain**
- Pons (Varolii)**
- Cerebellum**
- 1 Lobes, fissures, valv of Tarinus, velum medullare posterius, or kilos
- 11 Cerebellar centers of gray matter Nuclei olivaris superiores: roof
- 13 nuclei, dentate nuclei, dentatum, etc.  
White substance of cerebellum Arbor vitæ
- 15
- 3 Pons Varolii Tegmentum For reticula see 611.8226
- 4 Nuclei of trigeminus system
- 41 Nucleus motorius or motor nucleus of 5th nerv
- 42 Nucleus of spinal tract or sensory nucleus of 5th nerv
- 5 Nucleus or nidus of abducent nerv
- 6 " " " " facial nerv
- 68 Salivary nucleus
- 7 Cochlear nidi or nucleus of cochlear nerv  
Ventral root of 8th nerv
- 76 Trapezium or trapezoid body
- 77 Nucleus of superior olivary body
- 78 Acoustic striae, striae acusticae or medullares
- 8 Vestibular nidi or nucleus of vestibular nerv  
Dorsal root of 8th nerv

- 611.818 Myelencephalon, metencefal, medulla, bulb or afterbrain, postoblongata or medulla oblongata**
- 1 Pyramids Pyramidal decussation
  - 2 Dorsal colum, posterior fibers, or funiculi dorsales  
Arcuate fibers Restis or restiform body  
Fasciculus of Rolando, cuneatus and gracilis
  - 3 Lateral fibers Oliva or olivary bodies  
Anterolateral ground bundle or fasciculus proprius anterolateralis;  
anterolateral cerebellar tract or fasciculus anterolateralis superficialis
  - 4 Interolivary stratum, fillet or lemniscus
  - 5 Fourth ventricle or metepicele  
Metapore or foramen of Magendie Foramina of Luschka, Key  
and Retzius Obex Lingula Calamus scriptorius
  - 6 Nucleus of glossopharyngeal system Solitary tract
  - 7 Nuclei of vagus and accessory nervs  
75 Ambiguous nucleus  
78 Dorsal nucleus of vagus
  - 9 Nucleus of hypoglossal system or hypoglossal nidus
- .819 Meninges and cerebral meninges**
- 1 Pia mater or pia
  - 2 Telae choroideae, velum interpositum, choroid plexus
  - 3 Arachnoid villi  
Glandulae Pacchioni, Luschka's villi or granulations
  - 4 Cisterns, or subarachnoid cisterns
  - 5 Dura mater, or dura Tentorium and falx cerebelli  
Falx cerebri
- .82 Spinal cord, or myel**
- .821 Enlargements or intumescencia; general structure**
- 2 Cervical cord or myel, pars cervicalis
  - 3 Thoracic or dorsal cord or myel, pars thoracalis
  - 4 Lumbar cord or myel, pars lumbaris
  - 5 Sacral cord
  - 6 Terminal cone, or conus (medullaris) Filum Cauda (equina)
  - 8 Grooves and fissures, sulci and fissurae
- .822 Gray substance or matter, entocinerea or cinerea Gray cornua or colum**
- 1 Anterior or ventral colum or cornu or funiculus anterior
  - 2 Posterior or dorsal " " "
  - 3 Clarke's colum, nucleus dorsalis or Stilling's nuclei
  - 4 Gelatinosa or gelatinous matter, substantia cinerea gelatinosa Substantia spongiosa
  - 6 Reticula or formatio reticularis
- .823**

- 611.824**      **White substance, or alba**
- .825**      **Anterolateral column**  
                 Anterior plus lateral columns
- 2**      **Pyramidal tract or bundle or fasciculus cerebrospinalis**  
                     Direct or uncrossed tract, fasciculus cerebrospinalis anterior, or fasciculus  
                     Cross pyramidal tract, or cerebrospinalis lateralis
- 3**      Direct cerebellar tract, or dorsolateral cerebellar tract
- 4**      Gower's tract, cerebellar path of anterior funiculus, or fasciculus  
                 anterolateralis superficialis ascendens or anterolateral ascending  
                 cerebellar tract
- 5**      Fasciculus sulcomarginalis, or marginal tract of Spitzka and Lissauer
- 6**      Lateral column or anterolateral descending cerebellar tract or column  
                 of Marchi and Lowenthal
- 7**      Anterolateral ground bundle or fasciculus proprius anterolateralis
- 8**      Anterior or ventral commissure
- .826**      **Posterior or dorsal columns**  
         **1**      Ascending fibers  
                 Tracts of Burdach (posterolateral or cuneatus) and of Goll  
                 (posteromedian or gracilis) and fasciculus of Rolando
- 5**      Descending fibers      Comma tract in Burdach's column
- 8**      Radicular fibers
- 9**      Posterior or dorsal commissure
- .827**      **Roots of nerves**  
                 Works tracing nerv roots into spinal cord; for macroscopic studies on  
                 nerv roots see 611.832
- 1**      Anterior or ventral roots
- 2**      Posterior " dorsal "
- .828**      **Spinal canal      Ependyma or endyma**  
                 Rhomboidal sinus      Reissner's fibers
- .829**      **Spinal membranes, or meninges spinales**  
         **1**      Spinal pia mater
- 3**      "      arachnoid
- 5**      "      dura mater
- .83**      **Peripheral nervous system      Nervs**
- .831**      **Cranial nervs and ganglia**  
         **1**      Olfactory, or 1st cranial
- 2**      Optic, or 2d cranial
- 3**      Motoroculi, 3d cranial or oculomoto
- 4**      Trochlear, pathetic, or 4th cranial
- 5**      Trifacial, trigeminus, or 5th cranial  
                 Large or great superficial petrosal branch
- 52**      Ophthalmic nerv of Willis
- 54**      Superior maxillary nerv or maxillary nerv
- 542**      Infraorbital branch
- 56**      Mandibular or inferior maxillary
- 6**      Abducent, external motoroculi, oculomoto, or 6th cranial
- 7**      Facial, 7th cranial nerv, or portio dura
- 73**      Other collateral branches
- 74**      Terminal branches
- 75**      Pars intermedia of Wrisberg (nervus intermedius)      Chorda tympani
- 8**      Auditory, acoustic or 8th nerv
- 81**      Cochlear nerv or path, or central auditory path
- 85**      Vestibular path or nerv
- 9**      Glossopharyngeal or 9th nerv
- 91**      Pneumogastric, vagus or 10th nerv
- 911**      Parietal branches: auricular and lateral nervs
- 914**      Pharyngeal branches
- 915**      Superior cardiac nervs
- 916**      Superior laryngeal nerv
- 917**      Inferior or recurrent laryngeal nerv
- 918**      Pulmonary branches
- 919**      Esophageal and gastric branches
- 92**      Spinal accessory or 11th nerv
- 93**      Hypoglossal or 12th nerv



611.832

**Spinal nerves**

Including in 5-6 microscopic studies on nerv roots. See also 611.827

- 1 Dorsal or posterior branches
- 2 Ventral or anterior " "
- 5 Dorsal or posterior roots See also 611.8272
- 6 Ventral or anterior " See also 611.8271

.833

**Cervical nerves**

- 1 Dorsal or posterior branches of cervical nerves Small and large sub-occipital nerves
- 2 Ventral anterior branches of cervical nerves
- 3 Cervical plexus
- 32 Large auricular nerve
- 33 Cutaneous nerve of neck
- 34 Supraclavicular nerves
- 36 Phrenic or internal respiratory nerv of Bell
- 4 Brachial plexus
- 41 Supraclavicular part
- 47 Infraclavicular part
- 5 Median nerv
- 6 Ulnar or cubital nerv
- 7 Radial nerv
- 7 Musculo-spiral
- 8 Musculocutaneous nerv
- 9 Antibrachii ulnaris
- 9 Cutaneus brachii medialis, or nerv of Wrisberg

.834

**Thoracic nerves**

- 1 Posterior branches
- 2 Anterior " Intercostal nerves

.835

**Lumbar and sacral nerves**

- 1 Posterior branches
- 2 Anterior " "
- 3 Lumbosacral plexuses
- 4 Lumbar plexus
- 41 Great iliohypogastric nerv
- 42 Ilioinguinal
- 43 Genitofemoral or genitocrural
- 44 Lateral or cutaneous nerv of thigh
- 5 Femoral nerv or anterior crural nerv (femoralis)
- 51 Middle cutaneous nerv
- 52 Internal " "
- 53 Muscular branches of posterior division of anterior crural nerv
- 54 Long or internal saphenous nerv
- 6 Obturator nerv
- 61 Accessory obturator, or accessory anterior crural nerv of Winslow
- 68 Lumbosacral cord
- 7 Sacral or sciatic plexus
- 71 Superior gluteal
- 72 Inferior " "
- 73 Small sciatic nerv (cutaneus femoris posterior)
- 8 Great sciatic nerv or ischiadicus
- 81 External popliteal, or peroneus communis or peroneal
- 82 Sural or lateral cutaneous branch, or cutaneus surae lateralis
- 84 Musculocutaneous or superficial peroneal
- 86 Anterior tibial nerv or deep peroneal
- 87 Internal popliteal or tibial
- 88 Sural or plantar nerves
- 9 Genital, pudic or pudendal plexus
- 93 Collateral branches
- 95 Pudic nerv

.836

**Coccygeal plexus Coccygeal nerves**

DECIMAL CLASSIFICATION

- 611.839 **Sympathetic system**
- 1 Cervical and cephalic part
  - 11 Superior cervical ganglion
  - 12 Internal carotid nerv and plexus
    - Cavernous plexus
  - 13 External carotid nerv and plexus
  - 14 Common " plexus Superior cardiac nerv
  - 15 Middle " ganglion Middle " "
  - 16 Inferior cervical "
  - 17 " cardiac nerv Cardiac plexus
  - 2 Thoracic part of gangliated cord
  - 3 Abdominal and pelvic part of sympathetic system
  - 31 Solar or epigastric plexus or plexus coeliacus
- .84 **Eye Organ of vision**  
See also 611.7146 Orbit, including capsule of Ténon
- .841 **Fibrous coats or tunics of eye**
- 1 Conjunctiva
  - 3 Cornea
  - 5 Sclerotic coat or sclera
    - Canal of Schlemm Spaces of Fontana
- .842 **Vascular coats of eye Uveal tract**
- 1 Iris Pupil
  - 3 Choroid
    - Tapetum
  - 5 Ciliary body, muscle and processes
- .843 **Retina**  
Optic disc; macula lutea For optic nerv see 611.8312
- .844 **Refracting media**
- 1 Crystallin lens
  - 2 Zonule of Zinn or zonula ciliaris
  - 7 Vitreous humor Posterior chamber
    - Hyaloid membrane Hyaloid or Stilling's or Cloquet's canal
    - Canal of Petit
  - 9 Aqueous humor Anterior chamber
- .846 **Accessory organs of eye**
- 1 External muscles, musculi oculi
  - 4 Tear apparatus.
    - 7 Lacrimal gland
    - 8 " canals and puncta
    - 9 " sac and nasal duct
- .847 **Eyelids or palpebrae**
- Canthi
  - 5 Eyelashes or cilia
  - 6 Eyebrows or supercilia
- .85 **Ear Organ of hearing**  
See also 611.8318 Auditory nerv
- .851 **Internal ear**
- .852 **Membranous labyrinth**
- 1 Cochlea, scala media, or ductus cochlearis
  - 2 Organ of Corti, or Corti's fibers
  - 4 Sacculæ
  - 5 Utricule
  - 6 Semicircular canals
- .853 **Osseous labyrinth**  
Vestibule, semicircular canals, cochlea, modiolus or columella

- 611.854 **Middle ear or tympanum**  
 Atrium or tympanic cavity proper  
     5 Attic  
     7 Mastoid cells  
 .855 Membrana tympani, or drumhead  
 .856 Eustachian tube or tuba auditiva  
 .857 Bones of ear  
     Malleus or hammer; incus or anvil; stapes or stirrup; muscles of  
     tympanum, stapedius and tensor tympani
- .858 **External ear**  
     Meatus, pinna
- .86 **Organs of smell; olfactory organs**  
 .87 " " taste  
 .88 " " touch and senses in general
- .889 **Organa lateralia**  
 .89 **Ganglions**  
     Class ganglions here if separately treated
- .891 **Cranial ganglions**  
     5 Semilunar ganglion or Gasserian  
     52 Ciliary "  
     54 Sphenopalatin or Meckel's ganglion  
     56 Otic or Arnold's submaxillary ganglion  
     7 Geniculate ganglion  
     81 Spiral or Corti's ganglion  
     85 Vestibular ganglion  
     9 Petrosal and superior glossopharyngeal ganglion  
     91 Jugular and nodose ganglions  
     .892 Ganglions of spinal nervs  
         See also 611.832 Spinal nervs  
     .899 Sympathetic ganglions  
         For chromaffin tissue see 611.4
- .9 **Regional anatomy**  
 .91 **Head**  
 .92 **Face**  
 .93 **Neck**  
 .94 **Thorax**  
     .942 **Front or pectoral**  
     .946 **Back or dorsal**  
     .95 **Abdomen**  
         .951 **Epigastric region**  
         .955 **Mesogastric** "  
         .957 **Hypogastric** "  
         .959 **Lumbar** "  
     .96 **Pelvic and perineal region**  
         .962 **True pelvis**  
         .964 **False** "  
             1 Inlet   2 Cavity   3 Outlet  
     .966 **Position and size**  
     .968 **Difference between male and female pelvis**

DECIMAL CLASSIFICATION

611.97	Upper extremities
.971	Shoulder or axilla
.972	Arm
.973	Elbow
.974	Forearm
.975	Wrist
.976	Hand
.977	Fingers
.98	Lower extremities
.981	Hip Nates Sulcus inguinalis
1	Hip
2	Nates
3	Sulcus inguinalis
4	Inguinal canal
5	Crural or femoral canal
.982	Thigh
.983	Knee Popliteal space
.984	Leg
.985	Ankle
.986	Foot
.987	Toes
.99	Tail

612 Physiology

SUMMARY

- 612.013 Vitalism
- .014 Cells and organisms
- .015 Physiologic chemistry
- .1 Blood and circulatory system
- .2 Respiration
- .3 Digestion
- .4 Glandular system
- .5 Animal heat
- .6 Reproduction Development
- .7 Motor and vocal apparatus
- .8 Nervous system

- .01
- .0111
- .0112
- .0114
- .0118
- .012
- .013

General theory of physiology

- Notion, definition, nature
- Classification, division
- Terminology, notation, symbols
- Methods

Physiologic theories and generalities

On the nature of life and death Vitalism

This place is provided for the physiologist who prefers to keep related topics with his subjects. Usually the heds under this number are better clast in their broader relations; i. e. see 577.2 for the nature of life; 577.7 for the nature of death; 612.67 for death as a stage in vital history

- 1 Signs of real death See 577.7
- 2 Experiments on executed persons
- 4 Theories of life and the soul Vitalism  
See metaphysics, 128
- 5 Comparisons of animals and plants See 577.5
- 6 Organism and inanimate matter See 577.1
- 7 Vital energy See 577.6
- 8 Experiments on surviving organs See 577.6

.014

General physiology of cells and organisms

See 576 and note under 612.013

- I Chemistry of cells
- II Aerobic and anaerobic cells
- 2 Physiologic morphology of cells
- 21 Functions of protoplasm
- 22 " " nucleus
- 24 " " chromosome bodies Chromatolysis
- 26 " " centrosome
- 3 Physiologic characteristics of cells
- 31 Irritability in general
- 32 Fatigue
- 4 Influence of environment on cells and organisms
- Mesology
- 41 Effects of barometric pressure  
See also 612.27 Influence of barometric pressure on living beings
- 42 Action of electricity Electrophysiology
- 421 Electrophysiologic technic  
See also 615.84 Electrotherapy
- 2 Static electricity
- 4 Dynamic electricity
- 5 Alternating currents
- 7 Electric measurements
- 8 Special instruments
  - 1 Electrodes
  - 2 Telephone, microphone
  - 6 Galvanometers
- 422 Electric resistance Conductibility

DECIMAL CLASSIFICATION

612.014 423	Electric phenomena of organisms For electric phenomena of muscles see 612.743, of nerves and muscles see 612.813
x	Theory of electric phenomena
2	Negativ variation
3	Electrotonus
4	Electric phenomena of tissues in repose and in action
424	Action of electricity on organisms Everything concerning effect of electricity on function may be classed here by adding 0 and dividing like 612; e. g. action of electricity on red corpuscles 612.0144240111, as .111 is the subdivision of 612 meaning red corpuscles. Action of electricity on bile 612.0144240357, as .357 means bile
2	Action of static electricity
3	"    "    atmospheric "
4	"    "    dynamic "
5	"    "    alternating currents
425	Deth by electric shock; by lightning
426	Magnetic action
427	Galvanotropism
428	Electrotherapy from physiologic point of view
43	Action of heat and cold See also 612.59
44	Action of light See also 612.843
445	Phosphorescence
447	Heliotropism Phototropism See also 615.831 Phototherapy
45	Action of sound and its vibrations See also 612.85876
46	Poisons and chemic substances Poisons and definit chemic substances are preferably classed in 615.7, general toxicology in 615.9. This number is for topics of special physiologic interest
461	Effects of water
1	Reviscent animals
2	Hydrations
3	Quantity of water in organisms and tissues
462	Physicochemic forces
1	Osmosis
2	Molecular concentration in organic fluids Cryoscopy Subdivisible with 0 like 612; e. g. Cryoscopy of gastric juice 612.01446222032
3	Relation between secretion and osmotic pressure
4	Relation between osmosis and electric action: ions
5	Colloid substances: coagulation, agglutination, etc. See also 612.398133 Theory of histologic conservation
6	Reaction, acid or alkaline
7	Viscosity
8	Superficial tension
9	Other physicochemic forces
463	Action of mineral salts on organisms
464	"    "    air, normal and abnormal; of oxygen and ozone
465	"    "    anesthetics
466	"    "    antiseptics
467	Chemotaxis Chemotropism
469	Action of other chemic forces
47	Action of mechanical forces
477	Geotropism
478	Thigmotaxis
48	Other physical forces
481	Various rays
x	Physiologic effect of X rays To express effect of X rays on a specific organ or tissue, add 0 and subdivide like 612; e. g. effect of X rays on sight 612.0144811084
4	Effect on lower organisms
482	Effect of radioactiv substances; Becquerel rays
483	Production and action of N rays

- 612.015      **Physiologic chemistry in general**
- 1      **Ferments**
- 11      **Oxydants      Reducing ferments**
- 12      **Hydrolytic**
- 13      **Proteolytic**
- 14      **Lipolytic**
- 15      **Amyolytic and sacroclastic**
- 16      **Glycolytic**
- 161      **Alcoholic**
- 2      **Normal composition of the body and its products**  
           See also 612.3926, 612.396-.398
- 21      **Extracts of organs**
- 3      **Metabolism**
- 31      **Of mineral substances**  
           See also 612.3926
- 32      **Of carbon**  
           See also 612.22
- 33      **Of nitrogen**  
           See also 612.46123
- 34      **Of substances foren to the normal organism**  
           Elimination of poisons  
           Most material will be clast under 615.7 and its subdivisions  
           See also special organs
- 346      **Metabolism of nonnitrogenous substances**
- 347      "      "      **crystallizable nitrogenous substances**
- 348      "      "      **albuminoids**
- 349      "      **after deth      Autolysis**  
           Subdivisible with o like 612; e. g. autolysis of the liver  
           612.015349035
- 35      **Influence of temperature on metabolism**  
           See also 612.59
- 36      **Reductions, hydrations and syntheses in organisms**
- 37      **Influence of other agents on metabolism**
- 38      **Influence of nervous system on metabolism**
- 39      **Metabolism in disease**
- 4      **Staining substances and pigments**
- .016      **Means of attack and defense**  
           Comparativ physiology; usually better clast in 591.57
- 1      **Autotomy**
- 2      **Mimicry**
- 3      **Physiology of parasites**
- .019      **Comparativ physiology**  
           May be subdivided like 590 to signify kind of animal; e. g. Reptils  
           being 598.1, comparison of reptil and human physiology is 612.01981  
           Class here only books written distinctly from physiologist's point  
           of view.      Other works on comparativ zoology are better in 591.1
- Form divisions**
- .02      **Compendis**
- .03      **Dictionaries      Cyclopedias**
- .04      **Essays      Addresses**
- .05      **Periodicals**
- .06      **Societies      Clubs**
- .07      **Study and teaching**
- .077      **Vivisection**  
           See also ethics, 179.4, and laws, 614.22
- .08      **Polygrafy**
- .09      **History**

DECIMAL CLASSIFICATION

- 612.1 Blood and circulatory system**
- .109 History of circulation of blood**
  - .11 General properties of blood**
  - .111 Red corpuscles**
    - 1 Chemic composition**
      - 11 Hemoglobin and oxyhemoglobin**
      - 14 Carboxyhemoglobin**
        - Action of CO on blood, carbon monoxid hemoglobin
      - 15 Spectroscopy of blood**
      - 16 Methemoglobin and derivates**
        - Hematin or hematoxylin, hematoidin, globin, hemin or Teichmann's crystals, hematochromogen, hematoporphyrin
      - 17 Isotony of corpuscles Osmotic permeability**
      - 19 Chemic substances in corpuscles**
        - Lecithin, urea, cholesterin, etc.
    - 2 Number of corpuscles**
      - Technic of counting
    - 22 Volume of corpuscles**
    - 3 Formation of corpuscles**
      - See also 612.119 Sanguification
    - 4 Action of poisons on corpuscles**
      - See also 612.1114 Action of CO on blood
    - 44 Agglutinating substances**
    - 45 Hemolytic substances**
    - 6 Corpuscles in disease**
    - 7 Other red corpuscles than erythrocytes**
    - 8 Coloring matters of invertebrate blood**
      - e. g. hemocyanin
    - 9 Other similar coloring matters**
      - e. g. chlorophyl and derivates: phylloerytrin
  - .112 Leucocytes and ameboid cells**
    - 1 Chemistry of leucocytes**
      - 11 Ferments of leucocytes**
        - Influence of leucocytes (lymphocytes) on digestion
    - 2 Movements and irritability of leucocytes**
      - 3 Phagocytosis**
      - 4 Diapedesis**
    - 5 Effect on coagulation of blood**
    - 6 In disease and intoxications Leucocytosis**
      - For digestiv leucocytosis see 612.11211
    - 7 Counting and its technic**
    - 8 Numeric relations of white and red corpuscles**
    - 9 Varieties Physiologic morfology**
  - .113 Arterial blood**
  - .114 Venous "**
  - .115 Coagulation of blood**
    - 1 Fibrin Fibrinoplastin**
      - 11 Composition and chemic properties**
      - 12 Fibrigenous and fibrinoplastic ferments Fibrinogen Thrombin**
      - 13 Estimating quantity of fibrin**
    - 3 Substances modifying coagulation**
      - 31 Retarding agents**
      - 35 Accelerating agents**



- 612.116 **Total quantity of blood**
- 2 **Hemorrhage Anemia**  
 Subdivisible with o like 612; e. g. physiologic influence of anemia on kidneys 612.1162046 For pathologic effect see 616.243. 618.54
- 21 Hemostasia
- 3 **Transfusion**  
 Effect on system receiving transfused blood
- .118 **Physical and biologic properties of blood**
- 1 **Physical**
- 11 Osmotic pressure  
 See also 612.11117 Osmotic permeability
- 12 Effect of various injections
- 14 Viscosity
- 17 Cryoscopy of blood  
 Method of studying isotony and similar phenomena by relative freezing points of solutions
- 2 **Biologic properties**
- 21 **Toxins and antitoxins**  
 Physiologic effect For chemic action see 612.3988 May be used for those not produced by the blood, e. g. cytotoxins
- 211 Theory of toxic and antitoxic action
- 22 Toxic and antitoxic action of blood  
 Limited to blood toxins and antitoxins. See also 612.3988
- 221 Specific reaction of blood and albuminoids  
 Blood in legal medicin
- 222 Natural immunity
- 223 Effect of blood on bacteria  
 Class here physiologic aspect of opsonic theory, opsonins and opsonic index See also 615.37 Serotherapy
- 24 Various toxic and antitoxic substances of blood
- 7 Varieties of blood in different parts of body
- .119 **Hematopoiesis or sanguification**  
 See also 612.1113 Formation of red corpuscles
- .12 **Chemic properties of blood**
- .121 **Reaction and density**  
 Color reaction Specific gravity
- .122 **Carbohydrates in blood**  
 1 Glucose 2 Glycogen 3 Glycolytic ferments
- .123 **Fats, lipoids, cholesterin, saponin, glycerin**
- .124 **Albumins and albuminoids Uncrystallizable nitrogen compounds**  
 See also 612.39812 Blood serum
- .125 **Crystallizable nitrogen compounds**  
 1 Staining substances of serum
- .126 **Mineral salts**
- .127 **Blood gases**  
 1 Technic for determining quantity 2 Oxygen 3 Carbonic acid
- .128 **Ferments**
- .129 **Other chemic substances**  
 Abnormal substances

DECIMAL CLASSIFICATION

- 612.13 Hydraulic principles of circulation
- .133 **Arterial circulation**
    - Sounds and murmurs
    - See also 612.143
  - .134 **Venous circulation**
    - See also 612.144
  - I **Air in the veins**
  - 2 **Venous pulse**      **Phlebogram**
  - .135 **Capillary circulation**
  - .14 **Blood pressure**
  - .141 **Technic of mesuring pressure**
    - Sphygmograf      Sphygmomanometry
  - .143 **Pressure in arteries**
    - See also 612.133
  - .144 **Pressure in veins**
    - See also 612.134
  - .145 **Pressure in capillaries**
    - See also 612.135
  - .146 **Influence of various agents on pressure**
    - I **Influence of respiration**      **Asphyxia**
      - See also 612.213
    - 2 **Effect of drugs and organic extracts**
    - 3 **Pressure in disease**
  - .148 **Pressure in lesser or pulmonary circulation**
  - .15 **Rapidity of circulation**
    - In arteries, veins or capillaries      Technic of mesuring
  - .16 **Pulse**
    - For dicrotic pulse see 616.071 **Pulse in diagnosis**
    - See also 612.1342 **Venous pulse**
  - .166 **Pulse in disease**
  - .17 **Hart**
  - .171 **Mechanism of cardiac contraction**
    - Impulse or apex beat      Change of volume and position of beating
    - hart      Systole      Diastole
  - I **Technic of cardiac contraction**      **Cardiografy**
  - 3 **Valvs**      **System of valv closure**
  - 5 **Hart sounds**
  - 56 " " in disease
  - 7 **Action of an abnormal hart: misplaced or malformd**
  - .172 **Hart as a muscle**
    - Cardiac irritability, contractibility and physiologic morfology
  - I **Action of blood and coronary arteries**      **Cardiac anemia**
  - 2 **Rhythm**      **Excitation wave**      **Frequency of beats**
  - 3 **Electric stimulation of hart and refractory period**
  - 4 **Electromotiv force**
  - 5 **Surviving hart**      **Artificial respiration**
    - Solutions maintaining beat of hart
  - 6 **Physiologic morfology**
  - 61 **Conduction of stimulation**

- 612.173 **Work of the hart**  
     Chemic, dynamic and thermic phenomena  
     Chemic composition of hart  
     Intracardiac pressure
- .174 **Effect of toxins on the hart**  
     Atropin  
     Anesthetics
- .176 **Hart in disease**
- .178 **Innervation of hart**  
     1 Pneumogastric or vagus  
         See also 612.819911  
     2 Sympathetic  
         See also 612.897  
     3 Ganglions of hart  
     4 Action of cerebrum  
         See also 612.8228  
     5 Action of medulla oblongata  
         See also 612.828  
     6 Cardiac syncopes and reflexes  
     7 Depressor nerv
- .179 **Prenatal circulation**
- .18 **Vasomotors**
- .181 **Action of nervs and nerv centers on bloodvessels**  
     1 Action of cerebrum  
     2 " " medulla oblongata  
     3 " " spinal cord  
     4 " " great sympathetic
- .182 **Influence of vasomotors on arterial pressure**
- .183 **Vasoconstrictors**
- .184 **Vasodilators**
- .185 **Effect of poisons on vasomotors**
- .186 **Vasomotors in disease**
- .187 **Vasomotors in organs**  
     Divide like 612 Physiology; e. g.  
     612.18724 Effect of vasomotors on lung capacity  
     612.1878421 Effect of vasomotors on iris  
     612.1875 Influence of vasomotors on temperature  
     612.187556 Vasomotors in fever
- .188 **Erectil tissues**  
     See also 612.612
- .189 **Change of volume of organs**  
     Plethysmografy      Quantity of blood in various organs
- .19 **Action of special organs on circulation**
- .2 **Respiration**  
     See also 612.793 Cutaneous respiration
- .21 **Respiratory movements      Mechanics of respiration**
- .211 **Pneumografy      Respiratory types**  
     Respiratory excursion
- .212 **Pulmonary elasticity and intrapleural pressure**  
     Intrapulmonary and intrathoracic respirations

DECIMAL CLASSIFICATION

- 612.213**      **Influence of respiration on circulation**  
                   See also 612.1461
- .215**      **Special physiology of respiratory apparatus**
- 1**      Bronchi
- 2**      Trachea
- 3**      Smooth pulmonary muscles
- 4**      Primary paths of respiration: nose and pharynx
- 5**      Pleura
- 8**      Pulmonary circulation  
                   See also 612.148
- 9**      Pulmonary absorption of liquids  
                   See also 612.385
- .216**      **Respiratory frequency and rhythm**
- 1**      Respiratory sounds
- 2**      Pulmonary ventilation
- 3**      Artificial respiration, artificial changes of respiration
- .217**      **Action of muscles      Mechanical phenomena**  
                   Dimensions and expansibility of thorax
- 1**      Action of diafram
- .219**      **Other mechanical phenomena**  
                   Modified respiratory acts: snoring, laughing, crying, sighing, yawning,  
                   coughing, hawking, sneezing, blowing nose, gargling
- .22**      **Respiratory exchange of gases      Respiratory**  
                   **chemistry**  
                   o2 Action of oxygen and ozone on organisms  
                   o8 Composition of normal air (only in its physiologic bearing)
- .221**      **Technic of gaseous exchange**
- .222**      **Effect of various agents on gaseous exchange**
- .223**      **Effect of quality of air**  
                   Hyperpnea, polypnea, thermopnea
- 1**      Composition of abnormal air
- 11**      Carbonic acid
- 12**      Activ oxygen or ozone
- 2**      Influence of barometric pressure  
                   See 612.27
- 3**      Influence of climate
- .224**      **Influence of food**
- .225**           "      "      temperature
- .226**      **Effect of disease and intoxications**
- .227**      **Influence of organs**
- 1**      Influence of muscular movements  
                   Motion, rest, work
- 2**      Influence of nervous system
- 3**           "      "      circulation
- .229**      **Influence of animal kind**  
                   Variability of gaseous exchange in animal kinds
- 1**      Influence of stature
- 2**      Aquatic animals

- 612.23 Gaseous exchange in the blood  
 .231 Expired air      Respiratory quotient  
 .232 Asphyxiation  
     In legal medicin  
     I      Artificial respiration in asphyxiation  
     2      Asphyxiation by submersion  
     3      Hart in asphyxiation  
     4      Toxic action of carbonic acid (CO<sub>2</sub>)  
 .233 Respiration in confined air  
 .234 Toxic action of carbonous oxid (CO)  
     See also 612.11114 and 615.96  
 .235 Exchange of gases between air and blood  
     I      Theory  
 .24 Lung capacity      Vital capacity  
     Residual, reserv, respiratory or tidal and complemental air  
 .25 Exhalation of water from lungs  
 .26 Internal or tissue respiration  
 .261 Exchange of gases between tissues and blood  
 .262 Accumulation of oxygen in tissues (cells)  
 .27 Influence of barometric pressure on living beings  
     See also 612.01441. For effect on absorption of oxygen and exhalation  
     of carbonic acid see 612.2232  
 .273 Toxic effects of oxygen and ozone  
 .274 Effect of more than normal pressure  
     Physiologic aspect of caisson disease  
 .275 Effect of less than normal pressure  
     I      Physiologic and therapeutic effects of high altitudes  
     II     Mountain and aeronautic sickness  
 .276 Effect of pressure on fermentations  
     Effect of removing pressure  
 .279 Maximum pressures  
     Effect on aquatic animals  
 .28 Respiratory centers  
     Influence of nervous system on respiration  
 .281 Action of cerebrum and of will  
 .282 " " medulla oblongata and vagus nucleus  
 .283 " " spinal cord  
 .284 " " chemic substances and abnormal blood gases  
     I      Toxicology of center  
     2      Apnea, acapnea, dyspnea  
         See also 612.232  
 .287 Action of pneumogastric or vagus nervs  
     See also 612.819912  
 .288 Respiratory reflexes  
     See also 612.8332  
 .29 Influence of other organs on respiration

**612.3 Digestion**

May be subdivided by 01-09 for form, if needed

- .31 Mouth Teeth Salivary glands**
- .311 Mastication and prehension**
  - I Physiology of teeth**
- .312 Deglutition or swallowing**
  - 2 Tonsils 3 Tong**
- .313 Salivary glands Saliva**
  - I Composition of normal saliva**
  - 2 Action of saliva on food Ptyalin**
  - 3 Salivary secretion**
    - 31 Toxic effect of saliva**
  - 4 Action of chemic substances**
    - See also Therapeutics, 615.741 Sialagogs
  - 41 Elimination**
  - 42 Action of atropin and of pilocarpin**
  - 5 Physiologic morfology**
  - 6 Pathologic changes of saliva**
    - 61 Salivary fistulas**
    - 63 Bacteriology**
    - 64 Salivary calculi**
    - 69 Abnormal substances**
  - 8 Action of nervous system on salivary secretion**
    - 82 Action of sympathetic nerves**
      - See also 612.898
    - 87 Action of chorda tympani**
      - See also 612.81977
- .314 Salivary venoms and venoms in general**
  - I Chemic composition**
  - 2 Toxic action**
  - 3 Natural immunity and resistance to venoms**
  - 4 Attenuation and neutralization of venoms**
  - 5 Treatment of venom poisoning Serotherapy**
    - See 615.94 Duplicated here for physiologist only
  - 51 Antitoxins**
    - See also 612.11822 Antitoxins of serum
- .315 Esophagus**
- .32 Stomach Gastric juice Vomiting**
- .321 Normal composition of gastric juice**
  - I Gastric fistulas, experimental and pathologic**
  - 2 Determination of acid in gastric juice**
  - 5 Proteolytic ferments: pepsin**
  - 6 Milk curdling ferments, inorganic and organic**
- .322 Digestiv power of gastric juice**
  - I Starch and analogs**
  - 2 Sugars " "**
  - 3 Fats " "**
  - 4 Albuminoids**
    - 45 Nature and properties of peptones**
      - See also 612.39817
  - 5 Antiputrefactiv properties of gastric juice**
  - 6 Mixture of bile or other secretions of digestiv tract and gastric juice**

612.3227 Absorption in stomach and transformation (into mucus) of products of digestion

See also 612.386

- 72 Absorption and transformation of sugars
- 73 " " " " fats
- 74 " " " " nitrogenous substances (peptones)
- 75 " " " " salts Effect on stomach

**.323 Stomach secretion**

- 2 Formation and destruction of pepsin
- 21 Pepsin in urin
- 3 Formation of hydrochloric acid (HCl)
- 4 Autodigestion of stomach
- 5 Effects of removing stomach

**.324 Action of chemic substances (poisons) on gastric secretion and their elimination**

**.325 Physiologic morfology of stomach**

Relation between morfologic changes and stimulation

**.326 Pathologic changes of stomach secretion**

- 3 Bacteriology
- 5 Gastric juice in disease
- 9 Abnormal substances in gastric juice

**.327 Movements of stomach**

- 1 Muscular irritability of stomach
- 2 Motor action of pneumogastric See also 612.819913
- 3 Evacuation of stomach
- 5 Merycism and rumination
- 7 Vomiting
- 8 Action of emetics or vomitories

See also under therapeutics, 615.731 Emetics

**.328 Action of nervous system on stomach**

- 1 Psychic influence on stomach secretions
- 8 Sensibility of stomach

**.33 Intestin**

Middle intestin and glands of middle intestin in invertebrates

**.331 Normal composition of intestinal juice**

- 1 Intestinal fistulas, experimental and pathologic
- 7 Intestinal gases Fermentiv process due to bacteria

**.332 Intestinal digestion**

- 2 Carbohydrates
- 3 Fats
- 4 Albuminoids and derivates Erepsin
- 7 Absorption and changes of food in intestin

See also 612.386

- 72 Carbohydrates
- 73 Fats Chyliferous vessels See also 612.426
- 74 Albuminoid derivates
- 75 Other substances
- 75x Inorganic substances Water and salts

**8 Action of intestinal juice on other secretions and ferments**

See also 612.3226

- 84 Enterokinasis and secretin

DECIMAL CLASSIFICATION

- 612.333 Intestinal secretion  
 .334 Action of chemic substances on the intestine and their elimination  
     4 Purgatives  
         See also therapeutics, 615.732 Cathartics  
 .335 Physiologic morphology of intestine  
     5 Intestinal circulation  
 .336 Pathologic changes of intestinal secretion  
     3 Parasites and microbes  
     3I Bacterial fermentation      Physiologic effect of microbes  
 .337 Movements of intestine  
     I Movement of chyme in intestine  
 .338 Action of nervous system on intestine  
     I Action of nerves and nerve centers on secretion  
 .339 Peritoneum      Omentum  
     I Absorption in peritoneum  
         See also 612.387  
 .34 Pancreas      Pancreatic juice  
 .34I Normal composition of pancreatic juice  
     I Pancreatic fistulas  
 .342 Action of pancreatic juice on food      Tryptic digestion  
     I Starches and analogs  
     2 Sugars  
     3 Fats      Steapsin or ptyalin  
     4 Albuminoids      Trypsinogen      Trypsin  
     5 Effect on other digestive phenomena  
     5I On bile and gastric juice  
         See also 612.3226  
 .343 Pancreatic secretion  
 .344 Action of special substances on pancreatic secretion and juice  
 .345 Physiologic morphology  
     Relation between morphologic changes and stimulation  
 .346 Pathologic changes of pancreatic juice  
 .348 Action of nervous system on pancreas  
 .349 Pancreas as an internal gland      Islands of Langerhans  
     I Pancreatic glycosuria  
         Physiologic phenomena only.      See also 612.35216, 612.46621, and diseases 616.61, where most material belongs  
 .35 Liver  
 .35I Hepatic circulation and chemic composition  
     I Chemic composition  
         II Ferments  
     5 Hepatic circulation  
         5I Ligature of portal vein  
     6 Effect of extracts from hepatic tissue  
         6I Hepatic opotherapy



- 612.352 **Effect of liver on absorbd foods**
- 1 **Glycogenesis** Glycogen of liver and its tissues  
 See also 612.396112 Chemistry of glycogen
- 11 Determination of amount of sugar and glycogen: technic
- 12 Sugar of the blood See also 612.122
- 13 Action of nervs on glycogenic function Experimental diabetes
- 14 Fermentation of glycogen Glycogenolysis
- 16 Glycosuria (diabetes) in general  
 See also 612.3491, 612.46621 and pathology 616.63
- 17 Glycogen of other organs
- 18 Glycogen of muscles See also 612.74411
- 19 Relations between glycogenesis and alimentation
- 2 **Fat** Adipogenic function
- .353 **Hepatic chemic phenomena**
- 1 Formation of urea See also 612.4612
- .354 **Action of poisons on liver**
- 1 Toxic steatoses
- 2 Antitoxic action of liver
- .355 **Temperature of liver** See also 612.563
- .356 **Hematopoietic function of liver and effect on blood**  
 See also 612.119
- .357 **Bile**
- 1 Normal composition of bile
- 11 Biliary fistulas
- 13 Coloring matter Bile pigments  
 Bilirubin, biliverdin For origin see 33 below
- 14 Mineral salts
- 15 Biliary acids and their salts  
 Glycocholic and taurocholic acids
- 2 **Action of bile in the intestin**  
 Final fate of bile
- 3 **Bile secretion**
- 31 Quantity
- 32 Origin of bile acids
- 33 " " " pigments
- 4 **Action of chemic substances on bile secretion**  
 See also therapeutics, 615.742 Cholagogs
- 5 **Elimination of poisons by bile**
- 6 **Pathologic physiology of bile**  
 For general works and medical aspect see 616-36
- 64 Biliary calculi
- 65 Obliteration of bile ducts Icterus Jaundis Cholemia  
 See also pathology, 616.36 Liver and bile ducts
- 66 Bile in disease
- 67 Toxic effects of bile
- 69 Abnormal biliary substances
- 7 **Biliary excretion** Physiology of ducts
- 71 Gall bladder
- 72 Absorption in biliary ducts
- 73 Contractility of ducts
- 8 **Innervation of bile ducts**
- .358 **Action of nervous system on liver**
- .359 **Ablation, regeneration, cicatrization and other mor-  
 fologic phenomena**
- 1 Volume of liver
- 2 Fatty or starchy degeneration

DECIMAL CLASSIFICATION

- 612.36 Defecation Large intestin  
Proctodeum and its appendages in invertebrates
- .361 Chemic composition of excrements
- .363 Cecal digestion Vermiform appendix
- .364 Absorption in large intestin
- .365 Defecation
- .366 Rectum
- .367 Movements of large intestin
- .368 Innervation " " "
- .38 Absorption
- .381 Imbibition Transudations and exudations Edema
- .382 Osmosis See also 612.0144621
- I Dialysis of mineral salts
- 2 " " sugars
- 4 " " albuminoids
- .383 Diffusion
- .384 Absorption by skin  
See also 612.79
- .385 Absorption by lungs  
See also 612.2159
- .386 Absorption in digestiv tract  
General; see also specific part of tract
- .387 Absorption by mucous and serous membranes  
See also 612.3391
- .388 Parenchymatous absorption  
Absorption by cellular tissue (after injection)
- .39 Nutrition Metabolism
- .391 Hunger Thirst Inanition
- 3 Hunger, thirst and nervous centers Mechanical
- 4 Inanition in man
- 6 " " disease
- 9 " " animals
- 92 Inanition in poikilothermic animals
- 96 " " homoiothermic "
- .392 Foods
- I Assimilation of carbon
- 2 " " nitrogen  
See also 612.46123
- 3 Assimilation of water
- 4 " of sulfur, phosphorus and iron  
3 Sulfur 4 Phosphorus 5 Iron
- 5 Thermodynamic value of food
- 6 Mineral foods  
1 Sodium salts 2 Potassium salts 3 Calcium salts
- 7 Vegetable foods
- 71 Vegetarianism See also hygiene, 613.26 Vegetable diet
- 72 Fruits and fresh vegetables
- 73 Cereals
- 74 Bred

- 612.3928      **Animal food**  
                   See also hygiene, 613.28 Meats in diet  
 81               Meats  
 82               Soup      Meat extracts  
 83               Egs  
 84               Milk  
                   See also 612.664  
 841              Sterilization and artificial changes in milk  
 85               Cheese  
 86               Butter  
 9                **Special artificial foods**
- .393      Condiments and stimulants**  
 1                Alcohol as food      Fermented drinks  
                   See also hygiene of nervous system, 613.81 Alcohol  
 2                Coffee      Tea  
                   See also hygiene of beverages, 613.37  
 9                **Condiments**
- .394      Ration or food requirement during growth**  
 2                Of man      Nourishment of newborn  
 3                " animals
- .395      Ration or food requirement of adults**  
 1                Working ration      Normal ration  
 12               Working ration for man  
 13               "      "      " animals  
 2                **Subsistence ration**  
 22               Subsistence ration for man  
 23               "      "      " animals  
 5                Relations of ration to external conditions,  
                   e. g. climate  
 6                Food requirements in disease
- .396      Carbohydrates**  
 1                **Chemic composition**  
 11                Polysaccharids  
 111               Starch      Inulin  
 112               Glycogen  
 113               Cellulose  
 12                Gums and analogs: dextrin  
 13                Monosaccharids: glucose, mannose, gallactose, fructose, etc.  
 14                Disaccharids: sugar, lactose, maltose, etc.  
 17                Combined carbohydrates  
                   See 612.3981453 Glycoproteids  
 172               Chitin  
 175               Glycosids: amygdalin, salicin, phlorizin, saponin, etc.  
 19                Other carbohydrates: pentose, inusitum  
 2                **Changes of sugars in organism      Glycolysis**  
 21                Products of carbohydrates; e. g. glycuronic acid  
 22                Alcohol in tissues  
 3                **Hydrolytic ferments of carbohydrates and analogs**  
 31                Amylasis, inulasis, cytasis, etc.  
 32                Saccharoclastic ferments      Inversion  
 4                **Formation of carbohydrates in organism**  
 5                **Thermodynamic value of carbohydrates**  
 7                **Quantity of carbohydrates in foods and tissues**

DECIMAL CLASSIFICATION

612.397

Fats

- I Chemic composition
- 2 Changes of fats in organism
  - 21 Fatty degeneration and infiltration See also 612.3952
  - 22 Products of fats
  - 23 Acids
  - 24 Glycerins
- 3 Lipolytic ferments
- 4 Formation of fats
- 5 Thermodynamic value
- 7 Quantity of fat in food and tissues Adiposity
- 8 Lipoids
  - 81 Cholesterin
  - 82 Lecithin

.398

Albuminoids and nitrogenous substances

- I Chemic composition
  - 11 Compos it albuminoids
    - For eg albumin see also 612.39283
  - 12 Blood serum and other serous fluids of body
    - See also chemical properties of blood, 612.124 Albuminoids
  - 13 Simple albuminoids
    - 131 Albumin
    - 132 Globulins: fibrinogenic and fibrinoplastic substances, myosin, etc.
    - 133 Coagulated albuminoids Fibrin Coagulation of albuminoids
    - 135 Albuminoids as acids or bases
    - 136 Nucleoalbumins, simple phosphorated albuminoids
    - 138 Protamins
    - 139 Other albumins
    - 14 Other albuminoids
    - 145 Proteids
      - Albumin + a complex organic compound
      - Nucleoproteids
        - Albumin + nucleic acid, products of nucleic acid and specific ferments
      - Hemoglobin and analogs
        - Albumin + an iron compound. See also 612.11111
    - 3 Glycoproteids
      - Albumin + a carbohydrate. See also 612.3967
  - 146 Albuminoids: glutin, elastin, amyloid, etc.
  - 15 Vegetable albuminoids
  - 16 Albuminoid products and nitrogen compounds
  - 17 Albuminoses and peptones
  - 172 Thermodynamic value
    - Changes of substances derived from albuminoids by digestion
  - 175 Products of complete change of albuminoids Nitrogen compounds
  - 19 Protaminic nucleus See also 612.398138
  - 192 Amidic acids
  - 193 Urea Uric acid See also 612.4612, 612.46125, 612.398195
  - 194 Ammonia and ammonia compounds
  - 195 Bases (alkaloids), purin compounds
  - 196 Aromatic compounds
  - 197 Nonnitrogenous products of albuminoids
  - 199 Other products
- 2 Changes of albuminoids in organism
- 3 Proteolytic ferments
  - Only general works See specific nitrogen compounds for their derivatives, ferments and properties For milk curdling ferments see 612.3216 and 612.664171
- 5 Thermodynamic value of albumins and derivatives
  - Albumin as food

- 612.3986 Formation of albuminoids in general  
 7 Quantity of albuminoids in food and tissues  
 8 Toxins, antitoxins Chemistry of poisons  
 Chemistry of poisons For action, see 612.11821; for animal  
 poisons, see 612.314; for ptomaines, leucomaines, etc. see  
 612.398195 above
- Glandular system      Secretion      Excretion**
- .4 Effect of circulation on glands  
 .401 " " glands " circulation and blood  
 .402 " " " " nutrition  
 .403 " " nutrition " glands  
 .404 Physics and chemistry of secretion  
 .405 Effect of glands on nervous system  
 .407 " " nervous system on glands  
 .408 See also 612.817  
 .409 Physiologic morphology of secretions and glandular epitheliums
- .41 **Spleen**  
 .411 Hematopoietic action Effect of spleen on blood  
 .412 Splenotomy Circulation in spleen  
 .413 Contractility of spleen  
 .414 Spleen in relation to other organs  
 I Effect on digestion  
 .416 Function of spleen in disease, in experimental infections  
 and in wounds  
 .418 Chemic phenomena
- .42 **Lymphatic system and lymph**  
 For lymphocytes see 612.112  
 .421 Lymph Chemic composition  
 .422 Quantity and origin of lymph  
 .423 Lymphatic circulation  
 I Thoracic duct  
 .424 Lymphatic harts  
 .425 Innervation of lymphatic system  
 .426 Lymphatic absorption  
 See also 612.33273  
 .427 Lymphatic fistulas  
 .428 Lymph glands
- .43 **Thymus**  
 .44 **Thyroid gland**  
 .441 Chemic composition  
 .442 Parathyroid glands or accessory thyroids  
 .445 Thyroidectomy Destruction of thyroid  
 Including pathologic destruction  
 .448 Effects of thyroid extracts
- .45 **Suprarenal capsules**  
 .451 Chemic composition  
 .455 Excision and destruction  
 .458 Effect of capsular extract

## DECIMAL CLASSIFICATION

- 612.46 Kidneys Urin  
 .461 Chemic composition of urin
- 1 Reaction and physical properties
- 11 Reaction
- 12 Density
- 13 Temperature
- 17 Urinary technology
- 174 Staining reactions
- 175 Spectroscopic examinations
- 176 Polarimetric "
- 177 Histochemic "
- 178 Pathologic urinary technology
- 179 Densimetry and cryoscopy of urin
- 2 Urea and nitrogen compounds
- 21 Determination of quantity of urea Ureameters
- 22 Determination of total nitrogen
- 23 Excretion and metabolism of nitrogen
- 231 In relation to alimentation
- 232 " " " work
- 234 Effect of chemic substances (poisons)
- 235 Influence of temperature
- 236 " " disease
- 238 " " nervous system
- 239 " " animal kind
- Variability of process in animal kingdom
- 25 Uric acid See also 612.398193
- 251 Determination of quantity
- 254 In animals
- 255 " normal man
- 256 " man in disease: uric diathesis
- 259 " other tissues and fluids than urin
- 26 Other nitrogen products of urin
- 261 Bases Xanthin bases See also 612.398195
- 262 Ptomaines
- 263 Allantoin
- 264 Peptones See also 612.46668, 612.39817
- 266 Hippuric acid
- 267 Ammonium and other urates See also 612.398194
- 268 Ferments See also 612.32321
- 269 Physiologic albuminuria
- 27 Coloring matter Pigments: urobilin, urochrome
- 6 Salin substances in urin
- 61 Chlorin salts
- 62 Phosphorus and its compounds
- 63 Sulfur and its compounds
- 64 Gases of urin
- 8 Nonnitrogenous organic constituents of normal urin
- 82 Sugars Physiologic glycosuria
- .462 Urinary toxicity
- 1 Internal secretion of kidneys
- .463 Urinary secretion
- 1 Quantity of urin
- 2 Elimination of urin
- 4 Renal circulation
- 5 Influence of blood and circulation
- 6 Comparativ secretion of the two kidneys
- 8 Effect of nervous system
- 81 Glycosuria, polyuria after lesion of medulla oblongata

- 612.464      **Action of poisons on urinary secretion and their elimination**
- 1              Diuretics      Polyuria  
                     See also 615.761 Diuretics in therapeutics
- 2              Toxic albuminurias  
                     See also 612.46622
- 3              Elimination of poisons by urin
- 4              Toxic glycosuria      Phlorizin  
                     See also 612.46621
- .465          **Physiologic morfology of kidneys**
- .466          **Pathologic physiology of kidneys and urin**
- 1              Urinary calculi
- 2              Urin in disease
- 21             Urin in diabetes      Chemistry of glycosuria      For physiogy of diabetes see 612.35216
- 22             Urin in albuminuria      Albuminuria in general  
                     See also 612.461269, 612.4642 and 616.634
- 23             Resection and lesion of kidneys, experimental and pathologic  
                     Ligature of ureter, etc.
- 231            Uremia      See also 616.638
- 26             Urin in fever
- 6              **Abnormal substances in urin**
- 61             Acetonuria      Acidosis
- 62             Chyluria
- 63             Other abnormal products of metabolism
- 631            Glycuronic acid      See also 612.39621
- 64             Products of intestinal putrefaction      Indican
- 67             Biliary pigments      Choluria
- 68             Albuminoses and peptones
- 69             Hematuria and hemoglobinuria
- 7              Urinary fermentation      Putrefaction of urin
- .467          **Urinary discharge.**
- 1              Physiology of bladder, ureters and urethra
- 11             Micturition
- 2              Absorption in urinary passages
- 3              Innervation of vesical apparatus  
                     For prostate see 612.617      For action of nervous system on function of kidneys see 612.4638
- .49          **Other glands and secretions**
- .491          **Bone marrow**
- .492          **Hypophysis or pituitary gland      Somatic brain**  
                     Scent glands of animals
- .493          **Bartholini's glands**
- .494          **Carotid gland**
- .495          **Other glands**  
                     See also 612.664, 612.792

DECIMAL CLASSIFICATION

- 612.5 **Animal heat**
- .51 Sources Thermogenesis Calorimetry
  - .511 **Direct calorimetry**
  - 6 Calorimetry in disease
  - .512 **Indirect calorimetry**
  - 1 Influence of alimentation
  - 3 Effect of respiration
  - .52 Loss of heat Radiation Thermolysis
  - Conduction of animal tissues
  - .521 **Cutaneous radiation**
  - 1 Physiology of clothing
  - .523 Loss by pulmonary evaporation
  - .524 " " cutaneous evaporation
  - .53 Regulation of temperature Heat balance
  - Thermotaxis
  - .531 **Influence of vasomotors**
  - .532 " " muscular movement
  - See also 612.7453
  - .533 **Effect of perspiration**
  - .534 " " respiration Thermic polypnea
  - .535 **Thermic centers**
  - .54 Other conditions affecting temperature and thermogenesis
  - .541 **Effect of baths**
  - .543 " " inanition
  - See also 612.391
  - .544 **Effect of poisons**
  - .55 Variations in production and regulation of heat
  - .556 **In disease: fevers**
  - .56 Temperature of body
  - .563 **Thermic topography**
  - .58 **Hibernating animals**
  - .59 **Heat and cold; effect on organism**
  - Subdivisible with 0 like 612; e. g. 612.59074 Effect on muscles
  - 612.5908 " nervous system
  - See also 612.01443
  - .591 **Effect of heat Deth from heat Thermic rigidity**
  - .592 **Effect of cold Deth from cold Rigidity from cold**



- 612.6 Reproduction and generation      Development**
- .601 **Spontaneous generation**  
See origin and beginnings of life, 576.1
  - .602 **Transplantation      Animal grafting**  
May be divided by organs like 612
  - .603 **Cicatrization      Regeneration**  
May be divided by organs; e. g. 612.60344      Regeneration of thyroid  
612.60384      "      "      eye
  - .604 **Reproduction of lower organisms**  
Protozoa, etc.
    - 1 Asexual: fission, division, gemmation or budding or sprouting
    - 2 Sexual: conjugation or conscrecence
    - 5 Variations: alteration of generations or metagenesis, pedogenesis, parthenogenesis
  - .605 **Morfogeneration in general      Heredity**  
See 575 Evolution
    - 1 Heredity
    - 2 Variation, including artificial
    - 3 Hybridization
    - 4 Tumors

Only for physiologic aspect, for pathology see 616.992
  - .606 **Proportion and determination of sexes**  
See also Biology, 577.8 Sexes in nature, sexuality
  - .607 **Consanguinity      Incest**
  - .608 **Hermaphroditism**
  - .609 **Theory of evolution      Natural selection, darwinism**  
See 575 Evolution
  - .611 **Male functions of generation**  
For semen see 612.616
  - .612 **Erection**  
Including also the function in general, in either or both sexes      See also 612.188
  - .613 **Copulation and fecundation**
    - 1 Artificial      "
    - 2 Parthenogenesis
      - 21 Artificial parthenogenesis
  - .616 **Testicles      Orchitic fluid      Sperm**
    - 1 Effects of castration      Resection or injury, experimental or pathologic, of testicles or of sexual glands in general
    - 2 Physiology of spermatozoa
    - 3 Testicles as internal glands      Interstitial cells
  - .617 **Appendages of male organs: seminiferous ducts, seminal vesicles**
  - .62 **Female functions of generation      Ovulation**  
See also 612.612 and 612.6161
  - .621 **Physiology of ovaries**  
See also 612.6303
    - 1 Ablation or injury of ovary, experimental or pathologic

See also 612.6161
  - .622 **Physiology of ovum**
  - .627 **Physiology of uterus**
    - 1 Uterin circulation
    - 8 Innervation of uterus

DECIMAL CLASSIFICATION

- 612.63 Impregnation    Pregnancy    Parturition  
     See also 612.612  
     01 Period of pregnancy  
     03 Ovary in pregnancy    Corpus luteum
- .64 Development of embryo  
     For embryology see 611.213; for abnormal development see 611.012 Teratology, 617.3 Deformities
- .646 Physiology of embryo
- .647       "       " fetus
- .648       "       " newborn
- .649       Appendages of embryo    Amniotic fluid  
     See also 611.0138 Fetal appendages (in embryology)
- .65 Growth after birth  
     See also 612.64
- .651 Metamorphosis of lower animals    Larvae
- .66 Period of full development
- .661 Puberty
- .662 Menstruation
- .663 Fecundity
- .664 Lactation and milk  
     Physiology of mammary glands  
     Physics and chemistry of milk
- 1       Sugars
- 12       Fats    Butter
- 13       Albuminoids
- 14       Mineral substances
- 16       Lactic fermentation    Milk ferments
- 17       Milk curdling ferments    Coagulation of milk
- 171       Other constituents
- 18       Abnormal substances
- 181       Comparison of milk of various animals
- 19       Human milk
- 191
- 3       Lactic secretion
- 31       Quantity
- 32       Formation of sugars
- 33       "       " fats
- 34       "       " albuminoids
- 35       Colostrum
- 36       Effect of various agents on secretion
- 4       Action of poisons on milk secretion and their elimination
- 5       Physiologic morphology of milk
- 6       Pathologic changes in lactic secretion
- 7       Digestion of milk
- 8       Innervation of mammary glands
- .67 Period of decline    Deth  
     See also 577.7
- .68 Longevity  
     See also 368.3 Life insurance; 519.5 Probabilities; 614.12 Deth rates

- 612.7 **Motor and vocal apparatus**      **Skin**
- .71      **Protoplasm**  
           See also 612.014      General physiology of cells and organisms
- .72      **Vibratil cilia**
- .73      **Smooth muscle**  
           Divided like 612.74
- .74      **Striped muscle**  
           Muscle in general, including smooth muscle
- .74I      **Muscular contraction**
- 1      **Myografy**
- 12      Single contraction of muscle fiber      Jerk contraction
- 13      Tetanic contraction
- 14      Tonic contraction
- 15      Influence of chemic substances on muscles
- 16      Myografy in disease
- 2      **Change of volume of muscle**
- 3      **Muscle wave**
- 4      **Elasticity of muscle**  
           Myotonometry      Effect of weight      Tension
- 6      **Muscular irritability**      **Influence of blood**
- 61      Circulation in muscles
- 62      Effect of stimulation
- 63      " " electricity
- 7      **Latent period**  
           Time elapsing between moment of stimulation and response by an  
           activ tissue
- 8      **Muscle murmur**
- 9      **Physiologic morfology of muscles**  
           Histologic phenomena of contraction
- .742      **Muscles after deth**      **Rigor mortis**
- 1      Chemic phenomena after deth: autolysis
- .743      **Electric phenomena of muscles**
- .744      **Chemistry of muscle**
- 1      **Normal composition**
- 11      **Carbohydrates**  
           See also 612.35218      Glycogen of muscles
- 14      **Albuminoids**
- 15      **Other organic substances**
- 16      **Mineral substances**  
           Including water      Muscle salts
- 17      **Gases**
- 2      **Chemic effects of muscular contraction**
- 21      **Fatigue**
- 21I      **Ergografy**      **Dynamometry**      **Work in general**
- 22      **Consumption of oxygen and production of CO<sub>2</sub> in work**
- 23      **Function of carbohydrates**
- 24      **Relation of chemic changes to work**      **Metabolism in relation to  
           work**
- .745      **General effect on organism of muscular contraction or  
           work**  
           See also 612.532
- 1      **Dynamic effects**
- 3      **Thermic**      "
- 5      **Relations between work and heat**

DECIMAL CLASSIFICATION

- 612.746 **Pathologic physiology of muscles**  
 I Contractures  
 4 Tremors Shuddering  
 5 Nutrition of muscles Atrophy Degeneration  
 Regeneration  
 Including nerv influence See also 612.818
- .75 **Bones, joints and connectiv tissues**  
 .751 **Chemic composition of bone and connectiv tissue**  
 See also 612.398146  
 I Bone  
 2 Cartilage  
 3 Connectiv tissue  
 .752 **Nutrition of bones**  
 .753 **Growth, cicatrization and regeneration of bone**  
 .754 **Periosteum Perichondrium**  
 .755 **Tendons**  
 .76 **Locomotion**  
 Principles of animal mechanism; comparativ study of locomotion preferably clast in 591.47
- .761 **Chronofotografy: technic**  
 .763 **Special movements Combined movements**  
 Physiology of violin playing, etc.
- .766 **Human locomotion**  
 I Physiology of exercise and work  
 2 Rest
- .767 **Animal locomotion Special organs of locomotion**  
 Swimming bladder of fishes  
**Flight**
- .768  
 .769 **Biologic adaptation of movement**  
 .77 Electric and phosphorescent animals  
 Preferably clast 591.59  
 .771 Electric animals  
 .772 Phosphorescent animals
- .78 **Voice and speech**  
 See also 784.9 Vocal hygiene; 808.5 Elocution; 534.7 Sound
- .781 **Sensibility of larynx**  
 .782 **Movements and innervation of larynx**  
 I Influence of spinal accessory nerv  
 See also 612.819923  
 2 Influence of pneumogastric  
 See also 612.819917  
 3 Laryngoscopy  
 4 Movements of glottis  
 5 Epiglottis
- .783 **Artificial larynx**  
 .784 **Singing Timbre, quality Voice register**  
 .785 **Larynx in deglutition and other laryngeal functions**  
 See also 612.312  
 .786 **Organs of sound in lower animals**  
 .788 **Larynx of birds**

612.789

**Speech Language**

- 1 Function of mouth and nose
- 2 " " lips and soft palate
- 3 Innervation of organs of speech      Aphasia  
    See also 616.855
- 4 Vowels and consonants
- 5 Ventriloquism  
    See also 791 Ventriloquism as an amusement

.79

**Skin**

Chemic composition

.79015

**Absorption**

See also 612.384

.791

- 1 Penetration by solids
- 2 Absorption of fats
- 3 " " solutions
- 4 " " liquids
- 5 " " gases

.792

**Cutaneous glands and secretion**

- 1 Swet      Chemic composition
- 12      Toxic action of swet
- 4 Action of chemic substances on swet secretion  
    Elimination of poisons by swet
- 42 Physiologic morfology of swet
- 5 Pathologic changes of swet
- 6 Pathologic changes of swet
- 8 Action of nervous system on cutaneous exhalation
- 9 Other cutaneous secretions

.793

**Cutaneous respiration**

- 4 Effect of suspended transpiration; closing pores by  
    liniments, etc.
- 5 Effect of chemic substances on skin  
    See also 612.7924

.794

**Cutaneous sensibility**

.795

**Electric conductivity and resistance of skin**

See also 612.014422

.796

**Chromatophores and skin pigments**

.798

**Trofic nerves of skin**

.799

**Growth and physiology of nails and hair**

- 612.8 Nervous system**
- .801 Theory of nervous system and innervation**
    - 1 Dynamogenesis and inhibition
    - 2 Action of nervous system on chemic phenomena
    - 3 Effect on morfogeny and evolution
      - See also 612.605
  - .81 Peripheral nervous system Nerv fibers**
  - .811 Distinction between sensory and motor nerves**
    - 3 Ganglions of sensory nerves
    - 4 Influence of sensibility on movement and of movement on sensibility
  - .812 Recurrent sensibility**
  - .813 Electric phenomena of nervs and muscles**
    - Muscle-nerv experiments as indicativ of nervous process
    - For muscle phenomena see 612.743
    - 2 Negativ variations
    - 3 Electrotonus
  - .814 Chemic and thermic phenomena of nervous stimulation**
    - For stimulation of nerv centers see 612.822
  - .815 Physiologic morfology of nervous stimulation**
    - 1 Sensory terminations
    - 2 Motor " "
  - .816 Irritability of nervs and muscles**
    - Nerv-muscle or nerv-gland physiology
    - 1 Action of electricity
    - 2 Theories of nerv waves
    - 3 Nervous conductibility
    - 4 Effect of blood on nervs Anemia
    - 5 Rapidity of nerv waves
    - 6 Nerv fatigue
    - 7 Action of chemic substances on nervous irritability
  - .817 Effect of nervs on muscles and glands**
    - 1 Chemic substances Curare poisons
    - 2 Voluntary contraction
    - 3 Tonicity Atrofy of muscles after cutting nervs, etc.
      - See also 612.7465
  - .818 Trofic nervs**
    - 5 Degeneration, regeneration and cicatrization
      - 1 Degeneration
      - 2 Regeneration
      - 3 Cicatrization

612.819

Special nerves

Whenever possible class according to function rather than according to a particular nerv, classing here only special nerv physiology

- 1 1st pair: olfactory
- 2 2d pair: optic  
See also 612.843
- 3 3d pair: motoroculi or oculomoto
- 31 Innervation of iris  
See also 612.8422
- 32 Innervation of eyelids  
See also 612.847
- 33 Innervation of eye muscles
- 4 4th pair: trochlear or pathetic
- 5 5th " : trigeminal
- 52 Sensory action
- 53 Trofic action
- 6 6th pair: external oculomoto or abducent
- 7 7th " : facial .
- 71 Effect on facial muscles
- 73 " " respiration
- 74 " " hearing
- 75 " " deglutition and taste
- 77 " " salivation Chorda tympani  
See also 612.31387
- 78 Pathology Facial paralysis
- 8 8th pair: auditory  
See also 612.8585
- 9 9th pair: glossopharyngeal
- 91 10th " : pneumogastric or vagus
- 911 Effect on hart and circulation  
See also 612.1781
- 912 Effect on respiration  
See also 612.287
- 913 Effect on digestiv organs  
See also 612.328, 612.338, 612.348, 612.358, 612.368
- 915 Effect on kidneys and other glands  
See also 612.4
- 917 Effect on voice production  
See also 612.7822
- 918 Section of vagus and pneumogastric
- 92 11th pair: spinal accessory
- 921 Anastomosis with vagus
- 922 Innervation of respiratory organs  
See also 612.28
- 923 Innervation of vocal organs  
See also 612.7893
- 93 12th pair: hypoglossal
- 94 Spinal nervs in particular
- 941 Phrenic nerv

DECIMAL CLASSIFICATION

- 612.82 Nervous centers Brain  
 .821 **Physiologic psychology**  
 Usually better class in 130 Mind and body
- 1 Time of reaction to stimulation Psychometry
- 2 Attention Memory Association Imagination
- 3 Instinct Intelligence Emotions Sensibility
- 31 Comparativ psychology
- 311 Nonautomatic actions of animals Anticlisia
- 312 Automatic " " "  
 For physiologic aspect see 612.829
- 313 Instincts of animals Behavior See also 591.51
- 33 Emotions Sensibility
- 34 Inhibition of movement Will Habit Impulse
- 35 Associated movements
- 4 Action of poisons on intelligence  
 See also 613.8 Hygiene of nervous system  
 " " 615.9 Toxicology
- 41 Alkaloids
- 42 Nonalkaloid anesthetics  
 See also Therapeutics, 615.96 Cerebral poisons
- 44 Alcohol  
 See also Therapeutics, 615.964 Alcohol as cerebral poison  
 Pathology 616.861 Alcoholism
- 5 Effect of disease on intelligence
- 6 Psychic reflexes
- 7 Sleep Hypnotism  
 See also 135 Sleep, Dreams
- 71 Hypnotism See also 134 Mesmerism, Hypnotism
- 73 Theories of sleep
- 74 Cerebral circulation in sleep
- 75 Chemic phenomena of organism in sleep
- 76 Dreams
- 8 Sense in general and theories of perception
- 88 Psychophysical laws
- 89 Sensory delusions  
 For optic illusions see also 612.84374
- .822 **Nerv cells and nerv centers**
- 1 Chemistry of nervous tissue  
 Metabolism in nervs
- 2 Chemic phenomena of nervous excitation  
 For stimulation of nerv fibers see 612.814
- 3 Electromotiv phenomena of nervous excitation
- 4 Thermic " " " "
- 5 Physiologic morfology " " "  
 Effects of fatigue  
 " " poisons
- 53 " " poisons
- 54 " " poisons
- 56 Degeneration and regeneration of centers
- 6 Effects of removal and experimental, pathologic or  
 teratologic lesion of nerv centers
- 61 Movement in a circle (motus circularis, manège)
- 7 Decapitation
- 8 Action of central nervous system on chemic  
 phenomena of organism  
 See also 612.01538, 612.8012
- 81 Effect of chemic changes on centers



- 612.823 **Weight and general morfology of brain**
- 5 Conduction in centers
- .824 **Cerebral circulation**
- 1 Neurolymph, neurolymp<sup>h</sup>a or cerebrospinal fluid  
Meninges Choroid plexus
- 2 Brain movements
- 3 Cerebral vasomotors
- 4 " anemia
- 5 Pressure on nerv centers
- 55 **Compression and concussion of brain** Abnormal pressure
- 6 Temperature of blood in nerv centers  
Effect of abnormal pressure
- .825 **Cerebral convolutions (cortex)**
- 1 Cortical excitability
- 2 Psychomotiv centers Localizations
- 23 **Inhibitory actions**  
See also 612.8338
- 24 **Localization in man**
- 249 Speech Aphasia  
See also 612.7893
- 25 Localization in animals
- 26 **Topograpy of localizations**
- 261 Frontal lobe
- 262 Occipital "
- 263 Parietal "
- 264 Temporal "
- 265 Central "
- 266 Olfactory "
- 3 Cortical epilepsy  
See also 616.853
- 5 **Sensory functions of convolutions**  
Convolutions as seat of senses
- 54 Sight
- 55 Hearing
- 56 Smell
- 57 Taste
- 58 **Muscular sense**  
See also 612.885
- 59 **Touch**  
See also 612.88
- 8 **Intellectual functions**  
Only for physiology of these functions
- .826 **Cerebral ganglions, commissures, etc.**
- 1 Optostriate body and callosum  
Or optic thalami, striatum and callosum
- 2 Conduction in the brain  
See also 612.8235
- 3 Crura or cerebral peduncles Epiphysis Infundi-  
bulum
- 5 Quadrigeminum Optic lobes
- 7 Cerebellar peduncles or prepeduncles
- 8 Pons

DECIMAL CLASSIFICATION

612.827

**Cerebellum**

.828

**Medulla oblongata or postoblongata**

.829

**Special physiology of central nervous system of invertebrates**

See also 612.8226

1

Regulating effect of ganglia      Circular movements (manège)

2

Chain of ganglions      Network of nerves, or rete nervosum

3

Reflex movement

Locomotion in respect to physiology of nervous system

31

Reflexes proper

32

Rhythm      Refractory period

33

Tonicity      Tonic reflex

34

Coordination

.83

**Spinal cord or myel**

.831

**Conduction in the cord**

See also 612.8235

.832

**Excitability of cord**

.833

**Reflex action**

Subdivide like 612; e. g. 612.83317

Cardiac reflexes

612.83362

Uterin

612.8337

Limb reflexes; knee jerk

8

Action of superior nerv centers on reflexes

9

Other phenomena of reflex action

91

Rapidity of reflexes

92

Pathology

93

Effect of anemia

94

Action of poisons on reflexes

95

Rhythm in general

95I

Refractory period

96

Coordination

97

Other phenomena

e. g. reflexes according to nature of impulse: fatigue, etc.

.834

**Cord as center of innervation**

.835

**Degeneration and regeneration of cord**

**Atrofies**

.84

**Physiologic optics      Sight**

.841

**Fibrous tunics of eye**

I

Cornea      Conjunctiva      Anterior chamber

5

Sclera

.842

**Vascular tunics      Iris      Choroid      Ciliary body**

I

Iris accommodation

See also 612.844 for general papers on accommodation

II

Pupillometers

2

Action of nervs and nerv centers on pupil

3

Effects of light

4

Action of chemic substances on iris      Atropin      See 615.784

5

Choroid      Eye pigments

6

Ocular circulation      Intraocular pressure

6I

Ophthalmometers

- 612.843      **Optic nerv      Retina**  
                  See also 612.8192 2d pair of cranial nervs; optic
- 1      Physiologic morfology      Retinal purple
- 12           Ophthalmoscope
- 13           Retinal circulation
- 14           "      purple
- 15           Physiologic morfology of retina
- 2      Irradiation
- 3      Color sense      Chromatic sensibility
- 31           Color sight  
                  Power to distinguish colors  
                  For color blindness see 612.8455; 617.75
- 32           Sensitviness to color  
                  For pathology of chromatic sensibility see 612.8455
- 34           Mixture of colors
- 35           Contrast of colors
- 4      Entoptic phenomena
- 5      Persistence of retinal impressions
- 6      Field of vision      Visual acuteness and sensibility
- 61           Photometry  
                  Photometric technic
- 62           Field of vision
- 63           Visual acuteness and sensibility
- 7      Conduction in the brain      Perception
- 71           Histology of fibrillae      Center of sight
- 72           Optic perceptions      Localization of image in space
- 721           Binocular perception      Stereoscopy      Perception of  
                  distance, size and form  
                  Perception of differences in hight of surface      For movement  
                  see 612.8462
- 73           Impression of color suggested by sound, auditus coloratus
- 74           Optic illusions
- 75           Observations on those born blind
- 78           Degenerations of optic nerv and fibrillae
- .844      **Refractory apparatus      Ocular refraction**  
                  See also 612.8421
- 1           Crystallin lens
- 4           Aqueous humor
- 7           Vitreous humor
- .845      **Functional disorders or pathology of sight**  
                  See also 617.75
- 1           Myopia
- 2           Hypermetropia
- 3           Astigmatism
- 4           Presbyopia
- 5           Daltonism      Color blindness  
                  See also 612.84331 Color sight; 617.75 Disorders of vision
- 6           Hemeralopia

DECIMAL CLASSIFICATION

- 612.846 **Movements of eye**
- 2 Binocular vision  
For perception see 612.843721
- 3 Action of 3d cranial or oculomoto nerv
- 4 " " 4th " or trochlear nerv
- 6 " " 6th " or abducent nerv
- 8 Strabismus Diplopia
- .847 **Palpebral and lacrimal apparatus**
- .85 **Hearing**
- .851 **External ear: functions**
- .854 **Middle ear**
- .855 Tympanic membrane or drumhead Tympanum
- .856 Eustachian tube
- .857 Bones
- .858 **Internal ear**
- 1 Conduction of sound in internal ear
- 2 Utricle Saccule
- 3 Semicircular canals  
See also 612.8863 and 616.841 Vertigo
- 4 Cochlea Corti's organ or fibers Spiral organ
- 5 Acoustic nerv
- 6 Endolymph
- 7 Acoustic perception Conduction of acoustic excitation in the brain
- 71 Auditory acuteness
- 72 Auditory center in brain  
See also 612.82555
- 73 Subjectiv sensations
- 74 **Musical physiology and psychology**  
Distinction of tones and quality or tone color (timbre)
- 75 **Binaural hearing**
- 751 Localization of sound in space Estimation and effect of distance
- 76 Sensibility of living beings to sound and vibrations  
Otocysts
- 8 Auditory reflexes
- .86 **Smell**  
See also 612.82556 Seat of smell
- .867 **Perceptions Conduction in the brain**
- .87 **Taste**
- .875 **Function of lingual nerv**  
See also 612.8195
- .877 **Function of chorda tympani**  
See also 612.81977
- .879 **Function of glossopharyngeal nerv**  
See also 612.8199

- 612.88 Touch Tactil sense Equilibrium
- .881 Notion of space
- .882 Sense of temperature
- .883 Sense of pressure  
Including all related phenomena; e. g. tickling
- I Esthesiometers
- .884 Sensibility to pain
- .885 Muscular sense Power sense
- .886 Sense of equilibrium
- I Sense of direction and orientation
- 2 Seasickness
- 3 Vertigo  
See also 612.8583
- 9 Function of special organs  
Function of lateral line of fishes and other special organs of lower animals
- .887 Anesthesia, hyperesthesia, synesthesia
- .89 Sympathetic nervous system
- .8903 Trofic action
- .8905 Reflex phenomena
- .891 Cervical ganglions and plexus
- .892 Thoracic " " "
- .893 Abdominal " " "
- .896 Action on eyes; iris  
See also 612.8422
- .897 Action on hart  
See also 612.1782
- .898 Action on digestiv tract; alimentary canal  
See also 612.3 and special subdivisions
- .899 Effect on blood vessels  
See also 612.18

## 613 Personal Hygiene

Care of Health; Prophylaxis; Individual Health; Laws of Health.  
 .02, Compend; .03, Dictionaries, Cyclopedias; .04, Essays; .05, Periodicals;  
 .06, Societies; .07, Study and Teaching; .08, Sanitary Appliances; .09, His-  
 tory, Description, Reports, etc., divided like 930-999.

**.1 Air and Light.**

- For Air Analysis, see 543.7; Air Pollution, 614.7; Ventilation, 628.8.
- .11 Climate. Acclimation. See 551.5, Meteorology; 615.834, Therapeutics;  
614.42, Geographical distribution of disease.
- .12 Health Resorts. Mountain. Sea-shore.  
Regions exempt from special diseases.
- .13 Seasons. Time of Day.
- .14 Malaria. Moisture. Ground Air. See Public Health, 614.775, 614.773  
and 614.772.
- .15 Purification of Air.
- .16 Special Influences. Ozone, Electricity, etc.
- .17 Quantity of Air Necessary.
- .18 Temperature. See also 536.5, Heat; 551.52, Meteorology.
- .19 Sunlight.

**.2 Food. Dietetics.**

- For Food Analysis, see 543.1; Adulterations, 614.31; Digestion and Nutrition,  
612.3.
- .21 Dietaries.  
Including food for special classes of people; literary men, soldiers, etc.
- .22 Food for Infants.
- .23 Food for the Sick.  
Including means for giving nutrition, baths, enemata, forced alimentation  
etc.
- .24 Fasting. Famine. Starvation.
- .25 Excess of Food.
- .26 Vegetable Food.
- .27 Fruits.
- .28 Animal Food. Meats.
- .29 Fish, Oysters, etc.

**.3 Beverages.**

- For alcoholic beverages, see 613.81 and 178, Temperance Ethics; Inspection of  
beverages, 614.34
- .31 Water as a Beverage.
- .32 Impurities in Water and Ice. See also 628.16, Water supply of towns.
- .33 Microscopical Analysis. For Chemical Analysis, see 543.3.
- .34 Biological Analysis.
- .35 Purification. Filtration, Boiling, Chemical, etc. See also 628.16,  
Water Supply.
- .36 Cold Drinks.
- .37 Hot Drinks. Tea, Coffee, etc. See also 614.347, Adulterations.
- .38 Mineral Waters, Carbonated Waters, etc. See also 614.348, Adultera-  
tions; 615.79, Therapeutics.
- .39 Other Beverages.

- 613.4 **Cleanliness of Body. Clothing.**  
 See also 646, Clothing, Toilet, etc.; 391, Customs, Care of Person, Bathing, Toilet. For Therapeutic baths, electric, sulphur, etc., see 615.67.
- .41 **Baths.**  
 .42 Warm.  
 .43 Cold. For Swimming, see 796.  
 .44 Douche or Shower.  
 .45 Sea. Salt.  
 .46 Hot Air. Turkish. Russian. Roman, etc.  
 .47 Public.  
 .48 **Clothing.**  
     1, Material, wool, cotton, etc.  
     2, Quantity.  
     3, Cleanliness.  
     4, Pressure. Corsets, garters, tight boots, support from hips, etc.
- .49 Care of special parts of body.
- .5 **Human Habitation and Resort.**  
 For Heating, see 697; Ventilation, 628.8; House drainage, 628.6; Sanitation of towns, 628.4; Industrial sanitation, 628.5.  
 These subjects, partly Public and partly Private Hygiene, are for convenience grouped together here.
- .51 **Homes.**  
 .52 **Hotels.**  
 .53 **Tenements.**  
 .54 **Schools. Colleges.** See School hygiene, 371.7.  
 .55 **Churches, Theaters, Halls, etc.**  
 .56 **Hospitals. Asylums.**  
 .57 **Prisons. Reformatories.**  
 .58  
 .59 **House Furnishing.**  
     1, Bed and Bedding.  
     2, Curtains. Tapestries.  
     3, Carpets. Rugs. Floors.  
     4, Wall Paper.  
     9, House Cleaning.
- .6 **Hygiene of Employment.**  
 For Labor of children, see 331.3; Mining dangers and accidents, 622.8; see also Laboring classes, 331.8; Industrial sanitation, 628.5; Nuisances, 614.7.
- .61 **Over-hours. Over-work.**
- Occupations made Injurious.**
- .62 **By Inhalation of Vapors and Gases.**  
 Bleachers, match-makers, lard refiners, etc.
- .63 **By Inhalation of Dust or by Absorption.**  
 Grinders, stone-cutters, millers, wool operatives, hair pickers, type founders, grocers, etc.
- .64 **By Elevated, Low, or Variable Temperature.**  
 Bakers, forgemen, mariners, fishermen, farmers, laborers, etc.
- .65 **By Over-use of certain Organs. By Constrained Attitude and Sedentary Life.**  
 Engravers, public speakers, copyists, printers, salesmen, clerks, literary men, etc. See also Mental hygiene, 131.
- .66 **By Accidents.** See Public health, 614.8, Protection from accidents.  
 Machinists, quarrymen, caisson-workers, manufacturers of explosives, etc.
- .67 **Military Hygiene. Barracks, Camp and Tent Life.**  
 .68 **Naval Hygiene. Ship Life.**  
 .60 **Hygiene of Travel and Exploration.**

DECIMAL CLASSIFICATION

- 613.7 Hygiene of Recreation and Sleep.**
- .71 **Gymnastics.** See also 371.73, School Hygiene, Care of Body  
For Curative gymnastics, see 615.82, Massage.
  - .72 **Athletics and other Muscular Exercise.**  
See also 796, Out-door sports.
  - .73 **Training and Overstrain.** See also 371.75, Championship games.
  - .74 **Amusement or Play.**  
See also 796, Out-door sports, and 371.74, Recreations.
  - .75 **Parks.**  
Some subjects more properly placed in Public Health, are grouped here by attraction.
  - .76 **Vacations.** See also 371.23, School Vacations.
  - .77 **Holidays.** See also 371.23, School Holidays.
  - .78
  - .79 **Rest and Sleep. Late Hours.** See 613.86, Insomnia.
  - .8 Hygiene of Nervous System.**  
Including the action of Stimulants and Narcotics. See also 615.78, Drugs acting on Nervous System; 615.95, Neurotic Poisons.  
For Mental overwork, see 131, Mental Hygiene. See also 178, Temperance
  - .81 **Alcohol.** See also Temperance, 178; Beverages, 613.3; Inspection of Beverages, 614.34.
  - .82 **Opium and Hashish.** See also 178.8.
  - .83 **Chloral and Caffeine.** See also 178.8.
  - .84 **Tobacco.** See also 178.7.
  - .85 **Other Narcotics.**
  - .86 **Insomnia.** See also 613.79, Rest and Sleep.
  - .87 **Morbid Habits. Bad Social Customs.** See also Social Ethics, 177.
  - .88 **Luxury. Privation.**
  - .89 **Celibacy. Monogamy. Polygamy.**  
See also Polygamy and Monogamy, 173.2; Sexual Ethics, 176; Celibacy of Clergy, 254; Asceticism, 248.
  - .9 Hygiene of Offspring. Heredity.**  
See also Heredity, 575.1.
  - .91 **Congenital Defects of Body.**  
See also Monstrosities, 573.9; and Orthopædic Surgery, 617.3.
  - .92 **Inherited Mental Disability.**  
See also Mental heredity, 136.3; Mental derangements, 132; and Mental physiology and hygiene, 131.
  - .93 **Transmitted Disease.**  
See also special diseases in 616.
  - .94 **Stirpiculture.**



614 Public helth

Public hygiene    Public sanitation    State medicin    Preventiv medicin  
 See also 628, Sanitary engineering; 352.4 Boards of helth  
 .02 Compendis    .03 Dictionaries, cyclopedias    .04 Essays    .05 Periodicals    .06 So-  
 cieties, conventions    .07 Education    .08 Sanitary appliances, exhibitions    .09 His-  
 tory, description, legislation, reports, etc.    divided like 930-999, e. g. 614.0912  
 Public helth in England

- .I    **Registration and vital statistics**    See also 312 Population
- .II    Births and birthrates
- .I2    Deths and dethrates  
       Divided geograficly like 930-999, e. g. Dethrate in England, 614.1242
- .I3    Mortality at different ages  
       For life insurance, life tables, biometry, etc. see Life insurance, 368.3,  
       and Life contingencies, 519.5; Longevity, 612.68
- .I31    Stillbirths
- .I32    Infant mortality
- .I33    Mortality in childhood
- .I34          "       "   adult life
- .I35          "       "   old age
- .I4    Mortality of sexes, races, etc.
- .I41          "       "   the sexes
- .I42          "       "   males
- .I43          "       "   females
- .I44          "       "   races: colored, white, indian, etc.
- .I45          "       "   city and country
- .I5          "       "   different occupations    See also 613.6
- .I6          "       from special diseases    Causes of deth
- .I7    Marriage
- .I8    Divorce    See also 173.1 Family ethics
- .2    **State control of medicin**
- .21    Medical education and degrees    See 610.7; 378.2 Academic degrees
- .22    Anatomy and vivisection laws    See 179.4 Ethics
- .23    Expert testimony and other medico-legal relations  
       See 340.6 Medical jurisprudence
- .24    Registration of physicians, dentists, pharmacists, etc.  
       License to practis
- .25    Regulation of medical practis  
       See 174.2 Professional ethics, physicians
- .26    Quackery and malpractis
- .27    Nostrums and patent medicins    See also 614.353 Adulterations
- .28    Sale of poisons    See 615.9 Toxicology
- .29    Medical police

- 614.3 Adulterations: inspection of articles liable to affect public  
 helth Pure food laws
- Public analysts State laboratories For chemic analysis see 543
- .31 Inspection of food For chemic analysis see 543.1; Hygiene 613.2
- .311 Sugars Syrups Confectionery
- .312 Cereals Starches Bred
- .313 Lards Fats Oils See 614.325-6 Butter, oleomargarin
- .314 Spices Condiments
- .315 Yeast Baking powders Cream of tartar
- .316 Fresh food Vegetables, fruits
- .317 Meats Fish (fresh)
- .318 Cand or preservd food Vegetables, fruits
- .319 Meat Fish Oysters (preservd)
- .32 Milk and milk products
- .321 Milk analysis See also chemistry, 543.2
- .322 Milk of known purity
- .323 Milk sold to consumer
- .324 Cream Skimd milk Condensd milk Buttermilk Kumiss
- .325 Butter and its imitations
- .326 Oleomargarin
- .327 Cheese and its imitations
- .33 Other articles of food
- .34 Inspection of beverages
- For chemic analysis see 543.1; hygiene, 613.3
- .341 Fermented
- .342 Wine
- .343 Brewd
- .344 Beer
- .345 Distild
- .346 Fruit drinks: lemonade, shrub, etc.
- .347 Tea Coffee Chocolate Coco See also 613.37, Hygiene
- .348 Mineral waters Soda water
- See also 613.38, Hygiene; 615.79 Therapeutics
- .349 Mixt drinks
- .35 Inspection of drugs For chemic analysis see 543.4
- .351 Officinal or pharmacoepial drugs
- .352 Nonofficinal drugs
- .353 Empiric or patent medicins See also 614.27 State control
- .354 Cosmetics
- .355 Poisonous cosmetics
- .36 Inspection of tobacco
- .37 Inspection of pigments, wall and other papers, textil  
 fabrics, toys, etc.

- 614.4 **Contagious and infectious diseases: general**
- .41 **Causes and origin**  
See 589.95 Bacteria, microbes; 616.01 Germ theory of disease
  - .42 **Geografic distribution**      **Climatology**
  - .43 **Modes of propagation and communication**
  - .44 **Prevention and restriction**      See also Ambulances, 614.882
  - .45 **Isolation, lazarettos, etc.**
  - .46 **Quarantine, etc.**
  - .461 **Maritime quarantine**
  - .462 **Inland**      “
  - .463 **Control of rags, etc.**
  - .47 **Protectiv inoculation**
  - .471 **Against smallpox**      See also 616.912, Pathology
  - .472 **Variolation**
  - .473 **Vaccination**
    - 1 **Bovine vaccination**
    - 2 **Humanized vaccination**
    - 3 **Vaccinal syphilis**
    - 4 **Revaccination**
    - 5 **Vaccinisation**
    - 6 **Revaccinisation**
    - 7 **Retrovaccination**
    - 8 **Compulsory vaccination**
    - 9 **Optional vaccination**
  - .474 **Antivaccination**
  - .475 **Against cholera**      See also 616.932, Pathology
  - .476 **“ yellow fever**      See also 616.928 Pathology
  - .477 **“ hydrophobia**      **Pasteurism**  
See also 616.953 Pathology
  - .48 **Disinfection**  
Houses, clothing, rags, workshops, cars, ships, camps, air, soil, persons, sewers, vaults, excreta. Ded, see 614.64 Embalming, etc.
  - .481 **Fumigating and other apparatus**
    - 1 **Stationary**
    - 2 **Portable**
  - .482 **Disinfectants**      **Antiseptics**      **Deodorizeis**  
Treated with reference to public helth. See also Materia medica 615.777 and 615.778
  - .483. **Heat**
  - .484 **Chemic disinfectants**
  - .485 **Carbolic**
  - .486 **Salicylic**
  - .487 **Chlorids**
  - .488 **Copperas**
  - .489
  - .49 **Epidemics**      **Plagues**

**614.5 Contagious and infectious diseases: special**

These heads are for public health discussions only. For treatment, etc. see Pathology, 616

- .51 Filth diseases
- .511 Typhoid or enteric fever
- .512 Diphtheria
- .513 Diarrheal diseases
- .514 Cholera
- .515 Cholera-infantum
- .516 Dysentery
- .517 Diarrhea
- .52 Exanthemata
- .521 Smallpox
- .522 Scarlet fever
- .523 Measles
- .524 Rôtheln, rubella, rubeola
- .525 Chickenpox
- .526 Typhus
- .53 Malarial fevers
- .531 Intermittent fever
- .532 Remittent fever
- .54 Other contagious and infectious diseases
- .541 Yellow fever
- .542 Phthisis Tuberculosis
- .543 Whooping cough
- .544 Mumps
- .545 Puerperal fever See also 618.72
- .546 Leprosy
- .547 Syphilis
- .548 Gonorrhœa
- .55 Parasitic diseases
- .56 Diseases communicated from lower animals
- .561 Anthrax Charbon
- .562 Trichiniasis
- .563 Hydrophobia
- .564 Glanders
- .6 **Disposal of the dead**
- See customs, 393 Treatment of the dead
- .61 Burial
- .611 Earth burial
- .612 Tomb burial
- .613 Burials in churches Intramural
- .614 Use of perishable coffins
- .62 Cremation Crematories
- .63 Transportation of the dead
- .64 Embalming and disinfection of the dead Use of ice
- See 614.48 Disinfection; 615.777 Disinfectants
- .65 Effect of cemeteries on health
- .651 By water pollution
- .652 " air "

- 614.7 **Hygiene of the air and ground**      **Nuisances**  
 See 613.1 Air (Hygiene); 613.6 Hygiene of employment; 628.5 Industrial sanitation
- .71 Air pollution by dust and smoke [works
  - .72 Air pollution by noxious gases, mineral trades, chemic
  - .721 Carbon compounds
  - .722 Carbonic oxid, carbonic acid, carburetted hydrogen
  - .723 Illuminating gases Gas works
  - .724 Mineral oil refining
  - .725 Sulfur compounds
  - .726 Chlorin "
  - .727 Nitrogen "
  - .728 Phosphorus "
  - .729 Other
  - .73 Air pollution by vegetable trades
  - .731 Brewing
  - .732 Distilling
  - .733 Vinegar making
  - .734 Sugar refining
  - .735 Charcoal burning
  - .736 Varnish making
  - .74 Air pollution by animal trades
  - .741 Slaughter houses Abattoirs Fish
  - .742 Rendering works Boneboiling Tripe and gut cleaning
  - .743 Pork packing Lard refining
  - .744 Soap making
  - .745 Tanning
  - .746 Glue making
  - .747 Lampblack
  - .748 Commercial fertilizers
  - .75 Storage and handling of noxious and offensiv materials
  - .76 Other air pollutions See 628 Sanitary engineering
  - .761 Stables Stable manure
  - .762 Hog styes
  - .763 Offal Ded and diseased animals and fish
  - .764 Vaults Cesspools Water closets, privies, urinals, night soil
  - .765 Sewers and sewer outlets Sewer gas
  - .77 Conditions of soil as affecting helth
  - Topografy Sanitary Surveys
  - .771 Analysis of soils See 543.7 Chemistry
  - .772 Soil moisture
  - Hygiene of natural wate, courses and of marshes. See 613.14 Hygiene
  - .773 Ground atmosphere See 613.14 Hygiene
  - .774 Solid constituents of soil
  - .775 Malarious soils See 613.14 Hygiene
  - .776 Recovery of soils from pollution
  - .78 Air and ground in towns
  - .781 Laying out of towns and streets
  - .782 Subways and elevated ways See 628.47 Sanitation of towns
  - .783 Parks Air spaces
  - .784 Hight of bildings and proportion of occupiable area
  - See 614.85 Bilding laws

- 614.8 Protection of human life from accidents, casualties, etc.**  
 See 613.66 Hygiene of employment
- .81 Drowning
  - .811 Rescue of the drowning
  - .812 Resuscitation of the drowned First help Pulmotors
  - .82 Suffocation  
 By gases, in vaults, mines, etc.; see also 622.8 Mining dangers. By illuminating gases
  - .83 Explosions
  - .831 Manufacture and storage of explosivs and combustibles  
 See 662 Chemic technology
  - .832 Gunpowder
  - .833 Dynamite, etc.
  - .834 Inspection of kerosene, etc.
  - .835 " of illuminating gas
  - .836 " of electric apparatus
  - .837 " of steam boilers
  - .84 Fires
  - .841 Fire prevention
  - .842 " detection
  - .843 " extinction See 352.3 Fire department
  - .844 Automatic
  - .845 Chemic extinguishers
  - .846 Fire engins Water towers See 621.68 Pumping engins
  - .847 Fire escapes and other apparatus
  - .848 " exits, etc. from public bildings
  - .85 Bilding laws Inspection of bildings  
 See 614.784 Hight of bildings
  - .86 Protection of travelers
  - .861 Travel on land
  - .862 " " highways
  - .863 " " railroads
  - .864 " " water
  - .865 Lighthouses, buoys, etc.
  - .866 Pilots
  - .867 Boats, life preservers, etc.
  - .868 Rescue of shipwreckt Lifesaving servis
  - .87 Exposure to cold Hôspice of St Bernard
  - .88 Aid to injured
  - .881 Ambulance
  - .882 Ambulance for contagious diseases See also 614.44
  - .883 Bed wagon
  - .9 Hygiene of animals Veterinary sanitation**
  - .91 Infectious diseases of domestic animals
  - .92 Parasites of animals See 591.69 Economic zoology
  - .93 Animal diseases communicable to man See also 614. 6
  - .94 Care and housing of animals
  - .95 Feeding of animals
  - .96 Transportation of animals
  - .97 Methods of slaughtering
  - .971 Painless extinction of animal life

615 **Materia medica and therapeutics**

.02 Compendis .05 Pharmaceutic journals .06 Pharmaceutic societies  
 .07 Education, schools of pharmacy .09 History

**.1 Materia medica      Drugs      Pharmacology**

For examining boards, laws, etc. see 614.24 Registration of pharmacists. See also 614.35 Adulteration of drugs; 543.4 Chemic analysis

**.11 Pharmacopœias**

**.12 Dispensatories**

**.13 Formularies**

**.14 Prescription writing      Posology**

**.2 Inorganic drugs**

Divided like 546; 615.218 Phosphorus; 615.258 Mercury; 615.272 Iron. See also note to 615.7

**.3 Organic drugs**

See also note to 615.7

**.31 Carbon compounds**      Divided chemically like 547

**.32 Vegetable products**      Divided botanically like 580

**.33 Vegetable products**      Divided by character

1 Starches    2 Sugar    3 Glucosids    4 Tannins    5 Gums    6 Drugs  
 containing alkaloids    7 Bitters    8 Organic acids

**.34 Fixed oils and acids**

**.35 Ferments: diastase, pepsin, etc.**

**.36 Organotherapy**

**.37 Serotherapy**

Opsonic theory; see also physiology, 612.118223

Vaccine therapy; see also public health, 614.473 Vaccination

**.4 Practical pharmacy**

**.5 Therapeutics      Action of medicins in general**

**.51 Certainty of medicins**

**.52 Antagonism of medicins**

**.53 Law of similars      Homeopathy**

Homeopathic works are classed with the subjects treated. This head is for Hahnemann's theory only

**.54 Influence of age**

Infant therapeutics      Therapeutics of old age

**.55 Influence of sex**

**.56 Influence of environment**

**.57 Influence of idiosyncrasy**

**.6 Administration of medicins**

**.61 By stomach**

**.62 " rectum**

**.63 " subcutaneous tissue      Hypodermic medication**

**.64 " lungs      Inhalation      See also 612.385 Absorption**

**.65 " veins      Transfusion of blood**

**.66 " serous and mucous membranes      Peritoneum, vagina, etc.**

See also 612.387 Absorption

**.67 " skin      Baths**

See also physiology 612.384

DECIMAL CLASSIFICATION

615.7 Medicins group by effects

Treatises on specific drugs, digitalis, ergot, etc. are class in the divisions of materia medica, 615.2-615.3; iron, 615.272; digitalis, 615.32381

- .71 Drugs acting on circulatory system
- .711 Stimulants
  - Alcohol, ammonia, digitalis, coffee, ergot
- .716 Depressants
  - Aconite, veratrum group, nitrites
- .72 Drugs acting on respiratory system
- .721 Expectorants
- .726 Errhines Sneezing
- .73 Drugs acting on digestiv system
- .731 Emetics
  - Ipecac, mustard, metallic salts, apomorphin
- .732 Cathartics
  - 1 Laxativs    2 Salines    3 Purgativs    4 Hydragogs    5 Drastics
  - 6 Mercurials
- .733 Anthelmintics
- .734 Aids to digestion
  - 1 Bitters, tonics    2 Ferments, pepsin, pancreatin, etc.    3 Acids, antacids
- .735 Demulcents, emollients, etc.
  - Bismuth, oxalate of cerium, etc.
- .74 Drugs acting on glandular system
- .741 Sialagogs (Saliva)
- .742 Cholagogs (Bile)
- .743 Diaphoretics (Perspiration)
  - Pilocarpin, heat, exercise
- .75 Antipyretics Antiperiodics
  - Quinin, salicylates, coal-tar products, kairin, antipyrin, antifebrin, cold, baths. See also 613.41 Baths
- .76 Drugs acting on genito-urinary system
- .761 Diuretics
  - Water, citrates, acetates, digitalis, caffenin, copaiba
- .766 Uterins Oxytocics
  - Viburnum, ergot, etc.
- .77 External agencies
- .771 Irritating
- .772 Astringents
- .773 Rubefaciants
- .774 Epispastics Blisters
- .775 Escharotics Caustic potassa
- .776 Protectiv Emollient
  - Fats, oils, powders, starch, bismuth, oxid of zinc
- .777 Deodorants Disinfectants
  - See 614.48 Disinfection; 614.64 Disinfection of ded
- .778 Antiseptics Germicides



MEDICIN: THERAPEUTICS

- 615.78 Drugs acting on nervous system See also 615.95 Neurotic poisons
- .781 Anesthetics Chloroform, ether
  - .782 Hypnotics Chloral, bromids
  - .783 Analgesics Opium
  - .784 Mydriatics Belladonna
  - .785 Excitants Strychnin
  - .786 Depressants Conium
  - .788
  - .789 Other drugs  
Camphor valerian, asafetida
  - .79 Mineral waters See also 613.38 Hygiene; 553.7 Occurrence in nature
  - .8 Other remedies**
  - .81 Mechanical remedies
  - .811 Bloodletting Venesection Cupping
  - .812 Setons and issues
  - .813 Bandages Ligatures
  - .814 Acupuncture
  - .815 Pneumatic aspiration
  - .82 Manipulation Massage Osteopathy  
See also 613.71 Gymnastics
  - .83 Imponderable remedies
  - .831 Light Blue glass
  - .832 Temperature: heat, cold
  - .833 Moisture
  - .834 Climate See also 613.1 Hygiene
  - .835 Altitude  
Decrease of oxygen and increase of nitrogen with increasing elevation
  - .836 Pneumatic differentiation
  - .837 Music
  - .84 Electricity Electrotherapeutics  
See also 537.87 and 621.3915
  - .85 Cures
  - .851 Mind cure Influence of mind on body  
See also 130 Mind and body
  - .852 Faith cure Christian science See 265.8 Religion  
See also state control of medicin, 614.24; Christian science theology,  
230.99; sects 289.9
  - .853 Hydrotherapy Water cure
  - .854 Food cures: grapes, milk, beef, etc.
  - .855 Thomsonianism Herb doctors
  - .856 Perkinism Metallic tractors
  - .86
  - .87
  - .88 Patent medicins
  - .89 Ancient and medieval remedies  
Including those of modern uncivilized peoples

DECIMAL CLASSIFICATION

615.9

Toxicology Poisons

For detection of poisons, see 543.5; Sale of poisons, 614.28; Poisons wound, 617.148

- .91 Irritant poisons
- .92 Mineral irritants
- .921 Acid poisons
- .922 Alkaline poisons
- .923 Nonmetallic poisons
- .924 Phosphorus See also 615.218 Drugs
- .925 Metallic poisons
- .926 Arsenic See also 615.219 Drugs
- .927 Mercury See also 615.258 Drugs
- .928 Lead Painters colic See also 615.251 Drugs
- .929 Copper See also 615.256 Drugs
- .93 Vegetable irritants  
Hellebore, aloes, croton oil, etc.
- .94 Animal poisons  
Cantharides, diseased meat, ptomaines, tyrotoxin, etc.
- .95 Neurotic poisons  
See also 615.78 Drugs acting on nervous system
- .96 Cerebral or narcotic poisons Carbonic oxid and acid
- .961 Opium
- .962 Prussic acid
- .963 Cyanids
- .964 Alcohol
- .965 Ether
- .966 Chloroform
- .967 Chloral hydrate
- .97 Spinal poisons  
Nux vomica, strychnia
- .98 Cerebrospinal poisons  
Aconite, belladonna, lobelia
- .99 Cerebrocardiac poisons  
Digitalis, tobacco

616 Pathology Diseases Treatment

May be subdivided by o like 610, if wisht. Use 616.01 for etiology, germ theory, bacteriology, classification of diseases. Use 616.07 for diagnosis, study of disease, and subdivide it as follows: 1 Pulse 2 Tong 3 Eye, skin, etc. 4 Auscultation, percussion 5 Thermometry 6 Chemistry, urin analysis 7 Microscopy 8 Pathologic anatomy 9 Postmortem examination

.1 Diseases of circulatory system

- .11 Membranes of the hart
- .12 Hart Angina pectoris
- .13 Arteries
- .14 Veins
- .15 Blood

.2 Diseases of respiratory system

- .201 Croup
- .202 Hay asthma, hay fever
- .203 Influenza, epidemic catarrh
- .204 Whooping cough See also 614.543
- .205 Coryza, catarrh
- .206 Asphyxia
- .21 Nose Naso-pharyngeal space
- .22 Larynx
- .23 Trachea Bronchi Bronchitis Asthma
- .24 Lungs
- .241 Pneumonia, lung fever
- .242 Congestion
- .243 Hemorrhage
- .244 Abscess
- .245 Gangrene
- .246 Phthisis, tuberculosis, consumption See also 614.542
- .247 Embolism and aneurism of pulmonary artery
- .248 Emphysema
- .249 Collapse
- .25 Pleura Pleurisy

.3 Diseases of the digestiv system

For diseases of teeth see 617.6

- .31 Mouth: tung, fauces Sore throat, quinsy, mumps  
See also 614.544
- .32 Pharynx Esophagus
- .33 Stomach Gastritis, dyspepsia, vomiting
- .34 Intestins Hernia, diarrhea, constipation, colic
- .35 Rectum Anus Piles
- .36 Liver Gall bladder Jaundis
- .37 Pancreas
- .38 Peritoneum Omentum Mesentery Peritonitis
- .39 Dietetic diseases  
Surfit, starvation, scurvy, dyspepsia

- 616.4 **Diseases of the lymphatic system**
- .41 Spleen
  - .42 Lymphatics: thoracic duct
  - .43 Thymus
  - .44 Thyroid body      Goiter, Graves disease
  - .45 Suprarenal bodies
- .5 **Dermatology      Skin diseases**
- .51 Inflammatory affections
    - Diffuse, papular, scaly, nettlerash, hives
  - .52 Catarrhal, vesicular, pustular      Eczema, shingles
    - See also 614.561
  - .53 Disorders of sebaceous glands
  - .54 Hypertrofies      Atrofies
    - Corns, warts, white hair, baldness
  - .55 New formations      Pigmentary changes
    - Albinism, freckles
  - .56 Disorders of sweat glands
  - .57 Parasitic diseases      See 616.96 Parasitic diseases
  - .58 Other skin diseases
    - Chilblain, frostbite, chaps
- .6 **Diseases of genito-urinary system**
- For diseases of women, see 618
  - .61 Kidneys      Ducts      Bright's disease
  - .62 Bladder      Calculus
  - .63 Urinary disorders      Diabetes
  - .64 Male urethra
  - .65 Prostate
  - .66 Penis
  - .67 Scrotum
  - .68 Spermatic cord      Testes
  - .69 Functional diseases of male generativ organs      Sper-  
matorrhea, impotence
- .7 **Diseases of organs of locomotion**
- .71 Bones (except spine)
  - .72 Joints (except spine)
  - .73 Spine      Curvature
  - .74 Muscles
  - .75 Tendons      Fasciæ
  - .76 Bursæ      Sheaths of tendons
  - .77 Connectiv tissue
- .8 **Diseases of nervous system**
- .81 Diseases relating to cerebrospinal circulation      Apoplexy
  - .82 Diseases relating to cerebrospinal meninges
  - .83 Structural diseases of brain and cord
  - .84 Functional diseases of brain and cord
    - For insanity see 132.1
  - .841 Vertigo
  - .842 Paralysis
  - .843 Neurasthenia
  - .844 Spinal irritation
  - .845 Eclampsia, convulsions
    - See also obstetrics, 618.75

- 616.85 Neuroses
- .851 Chorea, St Vitus dance
- .852 Hysteria  
See 135 Somnambulism, 132.4 Catalepsy, 132.3 Hypochondria
- .853 Epilepsy
- .854 Tetanus, lockjaw
- .855 Aphasia
- .856 Anesthesia, hyperesthesia
- .857 Megrim, sick headache
- .86 Neuroses due to special poisons
- .861 Alcoholism See also Dipsomania, 132.7
- .862 Metallic tremor
- .87 Diseases of nervs Neuralgia, cramp
- .88 Diseases of sympathetic system
- .9 General diseases
- .91 Infectious diseases
- .911 Eruptiv fevers
- .912 Small pox See also 614.471 and 614.521
- .913 Cowpox
- .914 Chickenpox See also 614.525
- .915 Measles See also 614.523
- .916 Rubella, rubeola, r otheln See also 614.524
- .917 Scarlet fever, scarlatina See also 614.522
- .92 Other fevers General works on fevers  
See also 612.57 Animal heat
- .921 Dengue, breakbone fever
- .922 Typhus See also 614.526
- .923 Plague
- .924 Relapsing fever, famin fever
- .925 Cerebrospinal fever
- .926 Simple continued fever
- .927 Enteric fever, typhoid fever See also 614.511
- .928 Yellow fever See also 614.476 and 614.541
- .93 Diphtheria Cholera Malarial fever
- .931 Diphtheria See also 614.512
- .932 Asiatic cholera See also 614.475 and 614.514
- .933 Sporadic cholera
- .934 Epidemic diarrhea See also 614.517
- .935 Dysentery See also 614.516
- .936 Malarial fever See also 614.53
- .94 Septic diseases
- .941 Phagedena
- .942 Erysipelas
- .943 Pyemia
- .944 Septicemia

DECIMAL CLASSIFICATION

- 616.95 Venereal diseases      Hydrophobia, etc.
- .951 Syphilis      See also 614.547
- .952 Gonorrhea      See also 614.548
- .953 Hydrophobia      See also 614.477 and 614.563
- .954 Glanders      See also 614.564
- .955 Horsepox
- .956 Splenic fever
- .96 Parasitic diseases      See also 614.55
- .961 Animal parasites  
         See 591.69 Economic zoology; 614.92 Parasites of animals
- .962 Entozoa
- .963 Trematoda, flukes
- .964 Cestoda, tapeworms
- .965 Nematoda      Round worms, thredworms, trichinae  
         See also 614.562
- .966 Acanthocephala, thornhedded worms
- .967 Insecta parasitica      Maggots
- .968 Ectozoa
- 1 Insecta parasitica: mosquitoes, gnats, bedbugs, fleas, lice
- 5 Arachnida parasitica: mites, ticks
- 8 Suctoria parasitica, leeches
- .969 Vegetable parasites      See 581.69 Economic botany
- .97 Effects of poisons      See 615.9 Toxicology
- .98 Effects of injuries and climate
- .981 Presence of foren bodies
- .982 Mechanical injuries
- .983 Excessiv exertion and strain
- .984 Excessiv venery
- .985 Privation
- .986 Exhaustion
- .987 Chemic agents
- .988 Climate
- .99 Other general diseases
- .991 Rheumatism, rheumatic fever      Gout
- .992 Tumors
- .993      Nonmalignant: cysts, wens
- .994      Malignant: cancer
- .995 Tubercle
- .996 Scrofula      Rickets
- .997 Myxedema      Cretinism
- .998 Leprosy      See also 614.546

617 Surgery

May be subdivided by 0 like 610, if wisht

.1 Injuries

- .11 Burns and scalds
- .12 Lightning and electric shock
- .13 Contusions and abrasions
- .14 Wounds
  - .141 Incised
  - .142 Contused
  - .143 Lacerated
  - .144 Punctured
  - .145 Gunshot See 617.99 Military surgery
  - .146 With lodgment of foren bodies
  - .147 With complete separation of parts
  - .148 Poisond See 615.9 Toxicology
- .15 Fractures
- .16 Dislocations
- .17 Sprains
- .18 Asphyxia

.2 Results of injuries

Constitutional effects and other complications. See also 616.94 Septic diseases

- .21 Shock
- .22 Inflammation
- .23 Abscess Sinus Fistula
- .24 Ulcers Sores
- .25 Mortification Gangrene
- .26 Traumatic fever
- .27 Tetanus See also 616.854

.3 Orthopedic surgery Deformities

For convenience the whole subject of deformities is clast here, tho many of them have no surgical treatment. See also 573.8 Dwarfs and giants; 573.9 Monstrosities; 613.91 Congenital defects

- .31 Incomplete development or growth
  - Divided like 611 Anatomy
- .32 Incomplete coalescence of parts: harelip
- .33 Coalescence of parts
- .34 Extension of commissure (Apparent duplication)
- .35 Coalescence of fetuses Siamese twins
- .36 Supernumerary parts or organs: extra fingers or toes
- .37 Disproportionate growth of parts
- .38 Transposition or displacement of parts
- .39 Congenital distortions, including talipes, club foot

.4 Surgical operations

- .41 Circulatory system
- .42 Respiratory system
- .43 Digestiv system
- .44 Glandular and lymphatic system
- .45
- .46 Genito-urinary system
- .47 Motor and integumentary system
- .48 Nervous system

DECIMAL CLASSIFICATION

- 617.5 Regional surgery**
- .51 Hed Trephining
  - .52 Face Mouth See 617.6, Dentistry; 617.7, Eye; 617.8, Ear
  - .53 Neck Throat
  - .54 Chest
  - .55 Abdomen
  - .56 Pelvis
  - .57 Upper extremities Artificial arms, hands, etc.
  - .58 Lower extremities Artificial legs, feet, etc.
- .6 Dentistry Diseases of teeth**
- .61 Diseases of dental pulp
  - .62 Diseases of dentin and cementum
  - .63 Diseases of dental periosteum
  - .64 Malposition and malformation of teeth
  - .65 Odontalgia, toothache
  - .66 Extraction of teeth
  - .67 Stopping teeth
  - .68 Transplanting teeth
  - .69 Artificial teeth
- .7 Ophthalmic surgery Diseases of the eye**
- .71 Conjunctiva Cornea Sclerotic Ophthalmia
  - .72 Iris Choroid Ciliary body
  - .73 Optic nerv Retina
  - .74 Lens and its capsule Vitreous humor Affections of  
the globe Cataract
  - .75 Disorders of vision  
- Myopia, shortsightedness, astigmatism, colorblindness, daltonism. See also  
physiolgy, 612.845
  - .76 Muscular apparatus Lacrimal apparatus  
Strabismus, squint
  - .77 Eyelids
  - .78 Orbit and neighboring parts
  - .79 Artificial eyes
- .8 Diseases of the ear**
- .81 Affections of external ear
  - .82 Auricle
  - .83 Auditory canal
  - .84 Affections of middle ear
  - .85 Membrana tympani
  - .86 Eustachian tubes
  - .87 Mastoid cells
  - .88 Affections of internal ear
  - .89



617.9 **Operativ surgery**

See 615.781 Anesthetics

- .91 Armamentaria      Surgical instruments
- .92 Orthopedic appliances      Splints, trusses, etc.  
See 617.3 Orthopedic surgery
- .93 Surgical dressings
- .94 Amputation      Resection
- .95 Plastic surgery

.96

.97

.98

.99

Military surgery

618 **Diseases of women and children**

.1 **Gynecology      Diseases of women**

- .11 Ovary
- .12 Fallopian tube
- .13 Periuterin diseases
- .14 Uterus and cervix
- .15 Vagina
- .16 Vulva
- .17 Functional and symptomatic disorders  
Diseases of menstruation      Leucorrhœa      Sterility

.18

.19 Diseases of breast

.2 **Obstetrics**

.21 **Pregnancy      Physiology**

- .22 Diagnosis      Signs of pregnancy
- .23 Duration
- .24 Hygiene      Management
- .25 Multiple pregnancy: twins, etc.

.3 **Pathology of pregnancy**

Diseases of pregnancy and their treatment

- .31 Ectopic gestation      Extra-uterin pregnancy
- .32 Pathology of ovum
- .33 Deth and retention of fetus
- .34 Pathology of fetal appendages
- .35 Decidua
- .36 Placenta
- .37 Amnion
- .38 Umbilic cord

.39 Abortion      Miscarriage      Stillbirth      Molar pregnancy

See 173.4 Infanticide; 340.6 Medical jurisprudence; 343 Criminal law

.4 **Parturition      Labor      Physiology**

- .41 Mechanism of labor
- .42 Presentations      Positions
- .43 Clinic course and phenomena
- .44 Conduct of normal labor      Management

- 618.5 Pathology of labor**  
 Abnormal labor from faults  
 .51 of powers Anomalies of expellent forces  
 .52 of passages Mechanical obstacles to expulsion of fetus  
 .53 of child Abnormalities of fetus See 617.3 Deformities
- Complications**
- .54 Hemorrhage  
 .55 Rupture or laceration of genital tract  
 .56 Retention of placenta  
 .57 Inversion of uterus  
 .58 Prolapsus funis  
 .59 Other complications
- .6 Puerperal state Physiology**  
 Management, including care of child
- .7 Pathology of puerperal state Puerperal diseases**  
 .71 Diseases of lactation: milk fever, mastitis, etc.  
 .72 Puerperal fever See 614.545 Public health  
 .73 Metritis Peritonitis See also 616.38 Cellulitis  
 .74 Septicemia See also 616.944 Pyemia See also 616.943  
 .75 Convulsions See 616.845 Eclampsia  
 .76 Puerperal mania See 132.1 Insanity  
 .77 Phlebitis Venous thrombosis Phlegmasia dolens  
 See 616.14 Diseases of veins  
 .78 Other puerperal affections  
 .79 Sudden death after delivery
- .8 Obstetric operations**  
 .81 Application of lever and forceps  
 .82 Version  
 .83 Embryotomy  
 .84 Dilatation of os and cervix  
 .85 Symphyseotomy  
 .86 Cæsarian section  
 .87 Removal of placenta  
 .88 Induction of labor Removal of ovum  
 .89 Intra-uterin injections Antiseptics in midwifery
- .9 Pediatrics Diseases of children**
- 619 Comparativ medicin } Veterinary**  
 .1 Horses  
 .2 Cattle  
 .3 Sheep, goats  
 .4 Swine  
 .5 Poultry  
 .6 Birds  
 .7 Dogs  
 .8 Cats  
 .9 Other

# 620 Engineering

See also 690 Bilding; 721 Architectural construction

## SUMMARY

- 620.1 Applied mechanics      Engineering materials
- 621 **Mechanical engineering**
  - .1 Steam engineering
  - .2 Hydraulic engins or motors
  - .3 Electric engineering
  - .4 Air and gas engins and other motors
  - .5 Pneumatic machinery      Refrigerating machines
  - .6 Blowing and pumping engins
  - .7 Mills      Factories      Engineering works
  - .8 Millwork      Hoisting and conveying machinery
  - .9 Machine tools
- 622 Mining engineering
- 623 **Military and naval engineering**
  - .8 Naval architecture
- 624 Bridges and roofs
- 625 Railroad and road engineering
- 626 Canal engineering
- 627 River, harbor and general hydraulic engineering
- 628 Sanitary engineering
- 629 Other engineering industries

- .01 Statistics
- .02 Quantities and cost
- .03 Contracts and specifications
- .04 Designs and drawings
- .05 Executiv
- .06 Working and maintenance
- .07 Laws and regulations
- .08 Patents
- .09 Reports

### .1 Applied mechanics      Engineering materials

Class here general works on materials with reference to their fitness in engineering      See also 691 Bilding materials

### .11 Strength of materials      General theory

General works considering various materials. For particular materials see 620.12-.19      Provision is made below for classing tests on 2 different bases: 1) by character of test, 2) by material tested. Class under material rather than under test when the two conflict.      See also note under 620.112  
For theory or mechanics of structures see 624; for theories of construction of bildings see 690.1

### .111 General

This hed is left for specialists wishing to analyze general works or collect clippings and notes too limited for .11 yet not specific enough to be put with a particular test or material. Libraries are unlikely to need any general hed except 620.11

## DECIMAL CLASSIFICATION

- 620.112 Tests Factors affecting strength
- Kinds of tests. Directions for making various tests, laboratory manuals
  - See note to 620.11
  - 1 General: influence of temperature, selection of test pieces, etc.
  - 2 Corrosion Wethering Protection against deteriorating influences
  - 3 Elastic limit tests: plasticity, fatigue, deformation
  - See also 620.11246 Repeated stress
  - 4 Tension, compression, torsion, flexure, shearing
  - Class here combined tests as well as general works covering these tests
  - If wisht, subdivide farther as follows:
  - 41 Tensil tests
  - 42 Compression tests
  - 43 Torsion "
  - 44 Flexure (transverse) tests
  - 45 Shearing tests
  - 46 Repeated stress tests
  - 5 Impact Repeated shock tests
  - Crystallization and formation of cleavage planes
  - 6 Hardness tests
  - 7 Special tests
  - Varying for different materials
  - 8 Tests on special shapes and forms
  - 82 Plates and structural shapes
  - Bars, rods, angles, beams: T, bulb, I, and channel beams
  - 83 Colums, bilt colums Tubes, pipes, cylinders
  - 84 Rollers Spheres, solid or hollow Ball bearings
  - 85 Springs
  - 86 Hooks Chains Hoops Rings
  - 87 Rivets Bolts Screws Nails
  - Riveted joints of plates
  - 88 Wire Wire rope Cables Hawsers
  - 89 Other forms
  - 9 Other tests
  - .12 Tests of timber See note to 620.11
  - .13 Stone Cement Concrete
  - .132 Stone
  - .135 Cement
  - .136 Concrete
  - .137 Reinforced concrete
  - .139 Other: artificial stone
  - .14 Brick, tile, etc.
  - For glass see 666.1 Manufacture of glass, 691.6 Glass as a bilding material.
  - In engineering it is an accessory material not requiring a place under strength tests
  - .15 Masonry adhesivs
  - Cement, mortar, plaster of paris, etc. See also bilding materials 691.5
  - Lime, plaster, cement
  - .17 Iron and steel
  - .18 Other metals
  - .19 Other materials
  - .195 Mineral: asbestos, mineral wool
  - .196 Asphalt Tar
  - .197 Vegetable: paper, hemp, etc.
  - .198 Animal: hair, hide, bone, etc.
  - .199
  - .2 Compends Handbooks Kent, Trautwine
  - .3 Dictionaries, cyclopedias
  - .4 Essays
  - .5 Periodicals
  - .6 Societies
  - .7 Study and teaching Instruments
  - .8 Tables and calculations
  - .9 History of engineering

# Mechanical engineering

May be subdivided like 620.0 and by form numbers

## .I Steam engineering

Subdivide like 620 and 620.0, but use 621.101 as below. Other generalities of steam engineering are in 621.11 and 621.18

- .101 Applied thermodynamics  
Theory and use of steam in steam engine    General energy considerations  
Steam economy
- 1 General  
Expansion, entropy; extension of expansion approaching vacuum (condensers) superheating, cylinder condensation, jacketing, etc. For condensers, superheaters, etc. see 621.197
- .11 Mechanism of steam engine    Design of engine parts
- .111 General
- .112 Types of engines: structural  
Reciprocating engines in general. Types specified below are all reciprocating, except 1 Primitiv and 9 Other
- 1 Primitiv
- 21 Single acting
- 22 Double acting
- 3 According to transmission of motion
- 32 Direct connected
- 33 Indirect: beam connected
- 4 According to position
- 42 Horizontal
- 44 Vertical
- 45 Oscillating
- 46 Inclined
- 5 According to terminal pressure
- 52 Condensing  
In early period called 'low pressure'
- 53 Noncondensing  
In early period called 'high pressure'
- 6 According to expansion
- 61 Single expansion
- 62 Compound
- 63 Double expansion: cross compound
- 64 " " tandem "
- 65 " " angle "
- 66 Triple expansion
- 67 Quadruple expansion
- 9 Other types
- 95 Steam turbins  
Better class 621.165
- 96 Rotary engines  
Better class 621.166
- .12 Marine engines  
For propulsion see 623.8 Naval architecture
- .121 General  
See also 621.11 and 621.18
- .122 Types of marine engines
- 1 Primitiv  
Inventions of Papin, Perier, Fulton, Stevens, etc
- 2 Beam and side lever engines
- 4 Horizontal, inclined, vertical engines
- 5 Oscillating
- 8 Launch engines
- 9 Other special engines
- .123 Marine steam turbins  
See also 621.165

DECIMAL CLASSIFICATION

- 621.13 Locomotives
- .131 Theory of the locomotiv
- 1 Adhesion Tractiv force Horsepower
- 2
- 3 Tests
- .132 Types
- Variations modifying tractiv force and speed, and affecting more than 1 class of mechanism. For variations in steam apparatus (oil burning locomotivs, etc.) see 621.133 and 621.134
- 1 Primitiv forms
- 2
- 3 Types according to distribution of wheelbase and load  
Express by Whyte nomenclature for wheel combinations
- 5
- 6 Types according to purpose
- 62 Freight or goods engines Hog engin
- 63 Yard, switch or shunting engins
- 65 Passenger engins
- 67 Mountain "
- 68 Mining "
- 69 Other special locomotivs
- 8 Peculiar types  
Combined 'engin and coach wagon'
- 9 Types in different countries  
Subdivided like 940-999; e.g. English locomotivs 621.132942
- .133 Locomotiv boilers Production of steam
- Better clast in 621.18423, as boilers of locomotiv type serv many other purposes For boiler management see 621.193
- 1 Combustion Fuels Petroleum Fuel consumption  
See also 621.18357
- 2 Grate and ashpit Firebox Stays  
See also 621.1835
- 3 Shell and tubes
- 4 Smokebox and stack Spark arresters  
See also 621.1838
- 5 Exhaust pipe
- 6 Dome
- 9 Miscellaneous fittings  
Gage cocks, safety valvs, whistles, pumps, injectors, etc.
- .134 Engin of the locomotiv
- 1 Driving mechanism Cylinders, pistons, rods
- 2 Steam distribution Valvs and valv gears
- 22 Special types of valvs and valv gear
- 3
- 4 Compound principle  
Distribution in compound locomotivs
- 5 Lubrication of locomotiv
- 9 Other parts of locomotiv: throttle, etc.
- .135 Running gear
- .136 Tenders
- 1 Design, weight, brakes, etc.
- 2 Appliances
- 3 Taking water without stopping; track tanks; water scoops
- 139 Miscellaneous parts  
Cowcatcher or pilot, hedlight, whistle, bell, sandbox

- 621.14 Traction engines Road locomotivs  
 Selfpropelling engines for hauling over roads or ground, or doing other work by locomotion. For railway engines see 621.13. For stationary hauling engines see 621.162  
 Hauling may be accomlisht either by engines applying their power directly and moving with the load, i.e. locomotiv (621.13) over rails; or traction engines (621.14) over ground or roads; or by engines applying their power indirectly thru cables, etc. and standing in a fixt position either temporarily (621.15) or permanently (621.16)
- .141 Theory General
- .142
- .143 Boilers  
 Better clast in 621.18423; 621.143 if used is limited to discussion of those suitable to traction engines
- .144 Types Traction engines for special uses
- .145 Compressing machines Steam rollers
- .146 Agricultural: plows, reapers, etc.
- .15 Portable engines  
 Engines that may be moved from place to place, but that remain in a fixt position when working. If selfpropelling, the selfpropulsion is incidental. For fire engines and other pumping engines see 621.64
- .151 Theory General
- .152 Types, structural, etc.
- .153 Boilers  
 Better clast in 621.18423. If used, limited to discussion of those suitable to portable engines
- .154 Portable engines for special purposes  
 Hoisting, dredging, drilling, etc. See also 621.86 Hoisting and conveying machinery; 621.68 Fire engines; 627.7 Dredges
- .156 Agricultural: threshers, etc.
- .159 Semistationary engines Various types
- .16 Stationary engines  
 Engines fixt in position; e.g. those running factory machinery, cables, elevators, etc. For management see 621.193. For boilers see 621.18424
- .161 Theory and general
- .162 Types by use: hauling, dredging, etc.  
 For pumps see 621.64. For types clast by engin mechanism see 621.164
- .163 Stationary boilers  
 Better clast in 621.18424 with only reference here
- .164 Types according to characteristics of engin mechanism or steam distribution  
 When mechanism and steam distribution conflict, class according to mechanism; e.g. compound releasing-gear engines 621.1644 rather than 621.1647. Each type may be subdivided like 621.11; e.g. vertical throttling engines 621.1642244
- 1 General
- 2 Throttling engines
- 3 Automatic shaft governor engines
- 4 Releasing gear (Corliss) engines Drop cutoff
- 5 Single acting engines: Westinghouse or Willans type
- 6 Simple engines
- 7 Compound engines, triple expansion, etc.

DECIMAL CLASSIFICATION

- 621.165 Steam turbines
  - See also 621.123 Marine steam turbines
  - 1 Theory
    - 11 Methods of calculation
    - 12 Vanes and buckets
    - 13 Guide vanes and nozles
    - 14 Stresses in rotor or disc
    - 15 Windage
  - 2 Types
    - 22 Velocity turbins
    - 23 Pressure turbins
    - 24 Combined velocity and pressure turbins
  - 3 Construction Details of design
    - 32 Vanes Buckets
    - 33 Guide vanes Nozles
    - 34 Rotor Discs
    - 35 Valvs, governors, safety devices
    - 36 Thrust balancing
    - 37 Mass "
    - 38 Casing, etc.
    - 39 Bearings, etc.
- .166 Rotary engines
- .169
- .18 Steam generation and transmission
  - Fuels, furnaces, boilers, piping, power plants
  - For steam heating see 697.5
- .181 General
- .182 Fuels Combustion
  - 2 Fuels for boiler heating
    - For fuels in general and fuel analysis see 662.6
    - 22 Solid fuels: coal, lignite, wood, sawdust, peat
    - 23 Liquid fuels: tar, petroleum, alcohol
    - 24 Gaseous fuels: gas from blast furnaces, coke ovens; natural gas
    - 25 Composit fuels: city refuse, coal dust, trash
  - 3 Fuel consumption
    - Practical experiments with a single fuel
  - 4 Comparativ consumption
    - Practical experiments with various fuels
- 183 Furnace Draft
  - 1 General
    - Heating and grate surfaces
  - 2 Types of furnaces
  - 3
  - 4
  - 5 Furnace parts and construction details
    - 52 Grates
      - 53 Stationary grates
      - 54 Shaking, dumping and step grates
    - 55 Ashpits Furnace doors
    - 57 Burners for liquid fuel
  - 6 Mechanical stokers
    - 62 With traveling grate
    - 63 " racking "
    - 64 " step grate (Roney grate)
    - 65 " plunger
    - 66 " screw
  - 7 Other appliances
    - 77 Pulverized fuel appliances
    - 78 Fuel and ash conveyers Ash removers
    - See also 621.86 Hoisting and conveying machinery
  - 8 Chimneys Stacks Draft appliances
    - Smoke consumers, For smoke prevention see 621.1941 Firing
  - 82 Natural draft Dampers Uptakes
  - 84 Induced draft
  - 85 Forced draft



621.184

**Boilers**

- For boiler plants see 621.19
- 1 **General**
- 13 Boiler economy Tests Feedwater
- 2 **Types**
- 22 Marine
- 23 Locomotiv, traction, portable
- 24 Stationary
- 25 Firetube boilers (tubular)
- 25.2 Internally fired
- 25.3 Externally "
- 26 Water tube boilers (tubulous)
- 27 Flash generators Instantaneous vaporizing boilers
- 5 **Boiler construction Setting Parts**
- 52 Shell Heds Tubesheets Domes Drums
- Riveted joints, staying and bracing
- 53 Tubes Ferules Rings
- 54 Casing
- 55 Inspection and cleaning parts: man and hand holes, cleanouts, covers
- 56 Setting and hanging
- 57 Foundations: masonry, flues, etc.
- 7 **Boiler accessories**
- 72 Water gages, floaters, gage glasses, warning whistles
- 73 Pressure gages, manometers, safety valves
- 79 Other: air cocks and blowout valves, zincs, steam collectors
- .185 **Steam transmission and distribution Piping**
- 1 **General; laws of flow, condensation, friction**
- 2
- 3 **Connections; mains, auxiliary piping**
- 4 **Valvs**
- Stop, safety, reducing Pressure regulators
- 5 **Drains and traps Receivers and distributing valvs**
- 6 **Covering Insulators**
- Nonconductors for high, low and medium temperatures
- 7 **Joints and cements Expansion joints**
- 8 **Utilization of exhaust steam**
- See also 697.5 Steam heating
- .19 **Steam boiler and power plants Central stations**
- See also bilding, 697.5 Steam heating
- .191 **General**
- .192 **Arrangement and housing of apparatus**
- 5 Provision for enlargement
- .193 **Care and management of steam apparatus**
- .194 **Boilers**
- 1 **Firing**
- 2 **Feeding**
- Put here general discussion of feeding and feedwater appliances.  
For separate description of appliances see 621.197
- 3 Treatment of feed water: purification, softening
- 4 Scale prevention Incrustation
- 7 **Inspection Hydraulic tests Rating**
- .195 **Engins: oiling, packing, adjusting**
- .196 **Duration Wear**
- 5 Corrosion
- .197 **Steam plant accessories Economic appurtenances**
- 2 **Feedwater appliances**
- Tanks, heaters, economizers, filters, purifiers, regulators
- 3 **Pumps Injectors Return traps**
- 4 **Separators**
- 5 **Superheaters**
- 6 **Condensers and cooling towers**
- 6.2 Surface condensers
- 6.3 Jet condensers
- 6.4 Cooling towers
- 6.7 **Condenser accessories**
- 7 **Instruments**
- Indicators, tachometers, gages, dynamometers, thermometers, pyrometers, lubricators, etc.

## 621.2 Hydraulic engines or motors

Industrial use of water as motiv power, including machines run by water under pressure produced by accumulators and also constructions and appliances for distributing and regulating supply of water to motors  
For hydraulic engineering (dam, breakwater, etc.) see 627; for pumps see 621.6; for reservoirs, aqueducts, etc. see 628.1; for theory of mechanics of liquids see 532

- .21 Water wheels
  - Theory, classification, parts (e.g. paddles, vanes, buckets) water gates, culverts
- .22 Overshot or bucket wheels      Brest wheels
- .221      Overshot wheels of low velocity
- .222      Overshot wheels of high velocity
- .223      Brest wheels      Fairbairn wheels
- .224      Sluice gate or Sagebien wheels
- .23 Undershot or impulse wheels and floating wheels
  - .231      Ordinary undershot wheels
  - .232      Wheels with curvd vanes or buckets      Pelton wheel
  - .233      Vertical impulse wheels
  - .234      Current suspension wheels
  - .235      Floating wheels
- .24 Turbines
  - See also 621.165 Steam turbines
  - .241      General: parts (e.g. distributors, buckets, guide vanes) regulators
  - .242      Reaction or pressure turbines
  - .243      Outward flow
    - Early forms: Barker's mill
  - .244      Inward flow
  - .245      Downward flow
  - .247      Impulse or Girard turbines
- .25 Water pressure engines      Accumulators
- .252      Hydraulic pumps
- .253      Piping for high pressure
- .254      Accumulators
- .26 Hydraulic machinery and appliances
  - For theory see 532.81
  - .262      Funicular engines      Hydraulic tackle
  - .263      Hoists      Elevators      Cranes
    - Class preferably in 621.86; i.e. purpose outweighs motiv power
  - .264      Special handling and lifting machinery for steel works, etc.
  - .266      Presses      Forging and stamping machines
  - .267      Accessories: injection pumps
  - .269      Mining, tunneling and other hydraulic appliances
    - Hydraulic giant, Brandt's hydraulic gun
- .27 Hydraulic rams
  - For theory see physics 532.83
  - .272      Lifting rams      Montgolfier ram, Bolle ram, etc.
  - .273      Pumping rams      Leblanc ram
    - See also 621.64 Pumps
  - .274      Compressing rams      Sommelier ram
- .29 Flood gates      Dams      Mill sluices      Hed and tail races
  - Adaptation to hydraulic motors. For methods and principles of construction see 627.8 Hydraulic engineering

ENGINEERING

621.3 Electric engineering

001 Statistics; 002 Quantities and cost; 003 Contracts and specifications;  
004 Designs and drawings; 005 Executiv; 006 Working and maintenance;  
007 Laws and regulations; 008 Patents; 009 Reports  
May also be subdivided for form with o like 620.1-9

SUMMARY

- 621.31-7 Hevy current engineering
  - .31 Generation of electricity
    - .311 General
    - .312 Central stations
    - .313 Dynamoelectric machinery
    - .314 Stationary induction apparatus
    - .315 Electrostatic apparatus
    - .316 Accessories and parts
    - .317 Control and central station wiring
    - .319 Transmission
  - .32 Electric lighting
  - .33 Electric traction
  - .35 Voltaic cells and batteries
  - .36
  - .37 Electric mesurements and testing
  - .38 Weak current engineering
    - .382 Telegrafy
    - .384 Wireless communication
    - .385 Telefony
    - .39 Other applications of electricity

621.31-.37 Hevy current engineering

- .31 Generation of electricity      Dynamoelectric machinery
- Transformers      Transmission
- .311 General
- .312 Central stations: metropolitan, rural
  - Divided by 001-009 like 621.3 with the following additions to 006:
  - 006 Working and maintenance
    - 4 Operation and running
    - 5 Regulation and control
    - 8 Testing
    - 9 Repairs and renewal
      - Administrativ point of view; a specific repair belongs with the part repaird
- 13 General central stations
  - Combined power, traction, light, etc. stations
  - 132 Steam driven
  - 133 Gas      "
  - 134 Hydraulic
  - 135 Composit
  - 2 Stations for lighting only
    - Divided by source of power like 621.31213
  - 3 Stations for traction only
    - Divided like 621.31213
  - 5 Storage battery pressure regulating equipment
  - 6 Substations
    - 63 Transformer substations
    - 64 Converter      "
    - 65 Accumulator      "

DECIMAL CLASSIFICATION

621.313	Dynamoelectric machinery
1	General; construction, installation
2	Direct or continuous current machinery
21	Theory
22	General types
23	Continuous-current generators
	2 Series wound      3 Shunt wound      4 Compound wound
24	Continuous current motors
	Subdivided like 621.31323 above
245	Constant speed motors
246	Multispeed motors
247	Adjustable speed motors
248	Varying      "      "      (railway motors)
25	Continuous-current converters
26	Dynamotors and motordynamos
27	Compensators or balancers
28	Continuous-current boosters
29	Other
291	Acyclic or homopolar machines
3	Alternating-current machinery
32	General types of alternating current machinery
321	Single phase machinery
322	2      "      "
323	3      "      "
325	Other polyphase machinery
4	Synchronous machinery
41	Theory
42	General types
43	Alternating-current generators
44	Synchronous motors
5	Alternating-current converters
51	Theory
52	General types      Description
53	Synchronous converters
54	Phase converters
55	Frequency converters
56	Double-current generators
57	Motor converters
6	Asynchronous machines
61	Theory
62	
63	Induction generators
64	"      motors
65	Series alternating-current motors
66	Repulsion motors
67	Frequency converters
68	Phase converters
7	Rectifying apparatus
72	Mechanical rectifiers
73	Arc      "
74	Electrolytic      "

- 621.314 Stationary induction apparatus
- 1 Theory
  - 2 General types and description
  - 3 Transformers
  - 31
  - 32 Constant-current transformers
  - 33 Constant-potential transformers
  - 34 Phase-changing transformers
  - 38 Meter transformers
  - 4 Auto transformers
  - 5 Potential regulators
  - 51 Compensator potential regulators
  - 52 Induction " "
  - 53 Magneto " "
  - 6 Reactors or choke coils
  - 7 Induction coils
- .315 Electrostatic apparatus: condensers
- .316 Details of electric machinery Parts  
Armatures, field cores, etc.
- .317 Central station wiring Control devices and switchboards  
For meters and measuring instruments see 621.37
- 1 General
  - 2 Panels
  - 22 Generator panels
  - 23 Motor "
  - 24 Feeder "
  - 25 Transformer "
  - 26 Converter "
  - 27 Lighting "
  - 28 Accumulator "
  - 3 Switches
  - 31 General
  - 32 Knife switches
  - 33 Dial "
  - 34 Plug "
  - 35 Oil "
  - 36 Circuit breakers
  - 4 Rheostats and control devices
  - 5 Signal devices
  - 6
  - 7 Barriers and compartments
  - 8 Station protectiv devices (fuzes, lightning arresters, etc.)
- .318 Manufacturing processes  
Processes peculiar to electric machinery and apparatus: e.g. insulating, varnishing, baking, armature stamps and dies

DECIMAL CLASSIFICATION

- 621.319 **Transmission of electric energy**  
 Limited to transmission of current from control to substations (stepdown transformers) and to questions common to all lines. For transmission systems for a special application see subject; e.g. traction lines 621.332
- 1 **General**
  - 12 **Systems**
  - 122 Direct or continuous current systems
    - Including 2 wire systems
    - 123 3 wire (or Edison) and other
    - 129 Other direct current systems
  - 13 Alternating current systems
  - 131 Single phase systems
  - 132 2 phase (or quarter phase) systems
    - 3 3 wire system
    - 4 " "
  - 133 3 phase systems
    - 2 Delta or mesh connections
    - 3 Star or Y connections
  - 139 Other polyphase systems
  - 15 Composit systems
    - Direct and alternating current combined
  - 2 **Lines and conductors**
    - For local wiring see specific application; e.g. electric light wiring 621.328
    - 21 **General**
      - Interaction of parallel lines, heat losses. For traction lines see 621.332; for interior wiring for electric light see 621.328, for telegraph see 621.382, for telephones see 621.385-7
    - 22 Overhed or aerial lines
      - 222 Systems
      - 223 Poles: foundations, guys, etc.
      - 224 Cross arms Pins
      - 225 Towers
    - 23 Underground lines
      - 232 Systems
      - 233 Conditis
      - 234 Manholes
    - 3 Cables and conductors Insulating materials
      - 32 Uninsulated conductors Bare wire
      - 33 Insulated " Wire and cable
      - 34 Cables
      - 37 Insulating materials
        - Leakage Influence of chemic composition
    - 4 Insulators
  - 8 **Protectiv devices**
  - 82 **Line lightning arresters**
    - For protection of central stations see 621.3178

## ENGINEERING

### 621.32 Electric lighting Illumination

Class here works limited to electric lighting, but more general than any of the subheads below. This number is for matter differentiating lighting from other branches of electric engineering, but not for subjects which lighting has in common with other branches. For generation and control of electricity (including central stations) see 621.31, for transmission and wiring see 621.319, for measuring see 621.37

For theory of electric light see 537.83 Electric lighting

#### .321 General

#### .325 Arc lighting

Including systems and lamps

1 General: efficiency, cost, etc.

2 Constant-current or series systems

3 Constant potential or parallel systems

4-5 Arc lighting according to

4 Type of arc

If emphasis is on form of current, class under 621.3255 If there is conflict, prefer 621.3254

42 Open arc

421

" " direct current

422

" " alternating current

423

43

Inclosed arc

431

" " direct current

432

" " alternating current

433

5

Form of current

If emphasis is on type of arc, class in 621.3254

52

Direct current

521

" " open arc

522

" " inclosed arc

523

53

Alternating current

531

" " open arc

532

" " inclosed arc

533

6

Composit electrode arcs

Flaming arcs. Carbid, Bremer magnetite, titanium oxid arcs

7

Details Accessories

Arc light carbons

8

Applications

For welding see physics 537.85, and metallurgy 669

" therapeutic applications see 615.84 and 621.3915

82

Searchlights

#### .326 Incandescent lighting

Including lamps and systems

1 General: efficiency, cost, etc.

2 Systems (Edison 3 wire system)

3 Carbon filament lamps

31

Metalized filaments

32

Other carbon filaments

4

Metal filament lamps

41

Platinum filaments

42

Tantalum "

43

Tungsten "

44

Osmium "

45

Other metal filaments

5

Glowers of other materials

53

Nernst lamps

#### .327 Incandescent vapor lighting and lamps Other electric lighting

3 Vacuum or incandescent vapor lamps

4

Mercury vapor lamps

For mercury rectifiers see 621.3137

5

Carbon vapor lamps Moore lamp

7

Vacuum lamps for special radiations: Crookes tubes, etc.

DECIMAL CLASSIFICATION

- 621.328 Apparatus at servis end of line
  - 1 Underwriters requirements
    - National electric code
  - 2 House wiring
  - 3 Panels
  - 4 Fuzes
  - 5 Insulators, etc.
  - 6 Meters
    - See also 621.37 Electric mesurements and testing
  - 7 Switches
  - 8
  - 9 Other apparatus
- .33 Electric traction
  - See 625 for construction of route; 656 for business management, maintenance; 654 for communication and signals; 699 for car bilding; 725.3 for architecture of stations, terminals, carsheds, shops, round houses, etc. This number is concernd properly only with the apparatus and appliances for transmission and use of the current after it enters the line.
- .331 General
  - 2 Systems
    - 3 Systems according to servis
      - 32 Trunk lines
      - 33 Interurban
      - 34 Local
        - 342 Surface
        - 343 Elevated
        - 344 Subway
    - 4 Systems according to current
      - 42 Direct current
      - 43 Alternating current
        - 431 Single-phase
        - 432 2 phase
        - 433 3 phase
        - 439 Others
    - 5 Systems according to delivery of power
      - 52 Trolley systems
        - 53 Overhed trolley
        - 54 Underground trolley
      - 56 Third rail systems
        - 562 Unprotected third rail
        - 564 Protected " "
  - .332 The line (including track)
    - 1 General
      - Interaction of parallel lines, heat losses, etc. are better clast in 621.31921
    - 17 Feeders and return systems
    - 2 Overhed wire Trolley lines
      - 23 Catenary suspension
      - 25 Trackless trolley
    - 3 Third rail
    - 5 Underground conductor or contact
    - 6
    - 7 Accessories
    - 9 Other types of line
  - .333 Track
    - 1 General
      - 16 Deteriorating influences
        - 167 Electrolysis Leakage
      - 2 Rails
      - 4 Bonding



- 621.334 Rolling stock  
 For nonelectric rolling stock see 656 for administration, 699 for construction
- 2 Locomotivs  
 3 Motor cars  
 4 Accessories and parts Control systems  
 -Motor, controller, current collecting devices, etc. Multiple unit control  
 5 Locomotiv and car wiring  
 7 Running gear and other nonelectric details
- .35 Chemic electricity Voltaic cells and generators  
 Primary and secondary
- .351 General  
 E.m.f, counter e.m.f, polarization, weight, capacity; efficiency, life, crumbling, deterioration and detrimental influences; residues
- .352 Parts and accessories of cells and accumulators  
 1 Containers: jars, troughs, vats, etc.  
 2 Electrodes and their accessories: positiv and negativ plates or elements  
 Grids, supporting frames, insulating rods, etc.  
 3 Diaframs and partitions  
 4 Electrolytes Depolarizers Packing  
 5 Circulators Conditis and piping  
 6 Connections Terminals Binding posts  
 7 Regulating apparatus  
 8  
 9 Other apparatus
- .353 Primary cells  
 See also 537.5 Voltaic electricity; 541.37 Electrochemistry  
 1 General  
 3 Single fluid  
 4 Double " Hevy current cells  
 5 Open circuit or nondepolarized  
 6 Closed circuit or depolarized  
 7 Accessories and parts  
 8 Classification according to use or operating methods
- .354 Accumulators or storage batteries  
 Secondary cells and batteries  
 1 General  
 18 Care and handling of accumulators  
 7 Accessories and parts
- .355 Led accumulators  
 1 General  
 18 Care and handling  
 2 Naturally formd: Planté type  
 3 Artificially formd: Faure type  
 4 Combined Planté-Faure types  
 5 Other led accumulators  
 52 Complex oxid types  
 55 Led element accumulators  
 56 Copper led "  
 57 Zinc " "  
 58 Cadmium " "
- .356 Alkalin accumulators
- .357 Other types of accumulators  
 Thallium, gas, etc.
- .358 Other classifications of accumulators  
 According to use or operation
- .359 Other topics pertaining to chemic generation of electricity
- .36 Vacant for future use; perhaps for direct transformation of heat or fuel energy

DECIMAL CLASSIFICATION

- 621.37 Electric measurements, meters and testing  
 .371 General  
     Tariffs may be class here, tho better put in 654  
 .372 Standards Calibration of instruments  
 .373 Meters General types  
     Recording meters. See also special meters, 621.384  
     Prepayment meters. See also special meters, e.g. 621.3745 Watt hour  
 .374 Special meters and measurements  
     2 Resistance meters: inductance, capacity  
         Wheatstone bridges, ohmmeters, resistance boxes  
     3 Potential meters: voltage  
         Voltmeters, electrometers, standard cells  
     4 Intensity meters: current  
         Galvanometers, ammeters, coulometers, Ampère-hour meters  
     5 Quantity or work meters Watt-hour meters  
     6 Power meters Watt meters  
     7 Frequency meters Oscillograps  
     9 Other meters and measurements  
     91 Phase meters Power-factor meters Synchronizers  
 .379 Other electric mesuring instruments  
     For other than electric measurements; e.g. electric thermometers  
         **Weak current engineering**  
 .38 Electric communication: telegrafy, telefony, wireless  
     Libraries have too much material class in 654 to make it practicable to  
     abolish that number for construction and instruments; but for electric  
     engineers and new libraries who prefer it, the detaild technical classification  
     is develope here.  
     For overhed or underground lines see 621.3192  
 .381 General  
 .382 Telegrafy Systems  
     When systems and instruments conflict, classify according to systems.  
     For business administration, see 654; for wireless see 621.384  
     15 Codes  
     152 Morse  
     153 Continental  
     154 Phillips (press code)  
     2 A B C, dial, needle telegraf, etc.  
     21 Early experimental forms  
     22 A B C  
     23 Dial  
     24 Needle  
     25 Pointer  
     29 Other  
     3 Hand operated code telegrafy  
     31 Simplex  
     311 Open circuit  
     312 Closed circuit  
     32 Duplex  
     321 Differential duplex systems  
     322 Stearns duplex  
     323 Polar duplex  
     325 Bridge duplex systems

ENGINEERING

- 621.382 34      **Quadruplex**
- 35      **Multiplex**
- 36          Synchronous multiplex: Delany
- 37          Harmonic           "        Gray
- 4      **Automatic code telegraf      High speed systems**
- 41          Electrochemic automatic: Bain, Morse
- 44          Ink recording or embossing
- 45              Wheatstone
- 46          Pollak-Virag
- 47          Telepost (Delany)
- 5      **Printing telegraf**
- 51          Tape printing: stock tickers
- 53          Other tape printing: Hughes
- 55          Page printing: Buckingham, Murray, Baudot
- 57          Multiple page printing: Rowland
- 6      **Writing telegrafy**
- Transmitting and recording characters while being written; Gray's telautograf
- 7      **Facsimile telegrafy**
- 8      **Submarine cable telegrafy**
- 9      **Other wire systems**
- 94          Induction telegrafy; from moving trains, etc.
- 95          Combined telegrafy and telefony      Fantom circuits
- .383      **Telegraf instruments**
- 1      **Transmitting: keys, senders, etc.**
- 2      **Intermediate and accessory: relays, repeaters, switches**
- 21          Relays
- 22              Differential relays
- 23              Polarized           "
- 24          Repeaters, for simplex; Milliken, Ghegan, Toye, etc.
- 25              "           "      duplex or quadruplex
- 26          ' Half ' repeaters
- 27          Switches and distributing apparatus
- 28          Protectiv apparatus
- 29          Miscellaneous telegraf accessories
- 3      **Receiving instruments**
- Sounders, recorders, etc.      Subdivided, if wisht, like 621.3824-8
- .384      **Wireless electric communication: telegrafy, telefony**
- 1      **General**
- 2      **Wireless telegrafy      Systems**
- 21          Spark telegrafy; by free oscillations
- 25          Continuous-train telegrafy; by forced oscillations
- 3      **Instruments**
- 31          Sending apparatus
- 35          Antennae, aerials, and their substitutes
- 36          Receiving instruments and apparatus
- 4      **Applications, adaptations, specific installations**
- 5      **Wireless telefony systems**
- 6      **Apparatus**
- 61          Sending apparatus
- 65          Aerials etc.
- 66          Receiving apparatus
- 7      **Applications, adaptations, specific installations**
- 8      **Vacant for possible development of visual transmission by wireless**

DECIMAL CLASSIFICATION

- 621.385      **Telephony Systems**  
                     See also 621.3845 Wireless telephony
- 1 General**
- 2 Party line**  
                     When 2 and 3 or 2 and 4 conflict, 3 or 4 prevails
- 22      **Series**
- 23      **Bridging**
- 24      **Selectiv**
- 3 Intercommunicating systems**  
                     Without central switchboard
- 32      **Common return systems; selectiv at each station**
- 34      **Radial common return systems; selectiv at one station only**
- 36      **2-wire systems; separate returns**
- 4 Central switchboard systems**  
                     Manual; for automatic see 621.3857
- 42      **Local battery or magneto systems**
- 46      **Common battery or central energy systems**
- 5      **Multiple switchboard systems**
- 6      **Trunking Transfer systems**
- 61      **Trunking**
- 63      **Transfer system**
- 7 Semiautomatic and automatic systems**
- 72      **Semiautomatic**
- 75      **Automatic**
- 76      **Strowger system (Automatic Electric Co)**
- 8 Private exchanges**
- .386      **Telephone instruments**  
                     Terminal; subscriber's instruments
- 2      **Transmitters**
- 3      **Receivers**
- 4      **Induction coils**
- 5      **Condensers**
- 6      **Hook or other switches**
- 7      **Call receiving apparatus**
- 8      **Call sending**      "
- 9      **Miscellaneous accessories**
- 92      **Coin collecting devices**
- 94      **Protectiv devices**
- 96      **Current supply (local batteries)**
- .387      **Central switchboards and other station equipment**
- 1 General**
- 2 Switchboards, manual**
- 22      **Local battery or magneto**
- 26      **Common battery**
- 3      **Multiple switchboards**
- 35      **Divided multiple**
- 4      **Trunks Transfer boards**
- 41      **Trunks and trunking**
- 43      **A boards**
- 45      **B boards**
- 47      **Multiple plug transfer**
- 5 Switchboard parts and accessories**

## ENGINEERING

- 621.387 6      **Power plant equipment and accessories**
- 62              Accumulators
- 63              Charging generators
- 64              Ringing                      "
- 7               **Automatic and semiautomatic switchboards**  
                 Including accessories. Subdivided like 621.3857
- 8               **Telephone transmission**  
                 For transmission common to other branches of electricity see 621.319  
                 Put here only that peculiar to telephony
- 81
- 82              Long distance
- 83              Transposition
- 84              Telephone cable construction
- 85              Loading
- 86              Pupin coils
- 9               **Other central station accessories**
- 92              Distributing frames and racks; main
- 93              "                      "                      "                      intermediate or secondary
- 94              Protective devices  
                 See also 621.3178 and 621.31982
- 96              Meters and counters  
                 See also 621.3286 Electric light meters
- .388            Vacant for visual transmission by wire
- .389            **Other electric communication**
- .39            **Other applications of electricity**  
                 Subdivide like 600; e.g. electricity applied to mining 621.3922, applied to  
                 medicin 621.3915. This place is provided for specialists who prefer to  
                 mass all their material under 621.3. Libraries should class rather by pur-  
                 pose of the application; e.g. books on electric heating will be more useful in  
                 a general library under 697.7 with the question of heating than in 621.3997  
                 with a general assortment of unrelated applications. References here show  
                 a library's resources on special applications
- .4            **Air and gas engins and other motors**
- .41            Hot air engines
- .42            Comprest or rarefied air or gas engines
- .43            Internal combustion engines
- .431           General theory of internal combustion engines
- .432           Cycles and systems of operation
  - 1              Four cycle systems      Otto cycle
  - 2              Two cycle systems
  - 3              Other and modified systems
- .433           Gas turbins
- .434           Internal combustion engins clast by fuels
  - 1              Engins for gaseous fuels
  - 11             Engins for natural gas
  - 12             "              "      illuminating gas
  - 13             "              "      blast furnace gas
  - 14             "              "      producer gas  
                 For gas producers see 665.8
  - 15             Engins for acetylene gas
  - 2              Engins for liquid fuels
  - 21             Engins for gasolene
  - 22             "              "      kerosene
  - 23             "              "      other petroleum oils
  - 24             "              "      alcohol
  - 3              Engins for solid fuels

DECIMAL CLASSIFICATION

- 621.436 Special engins or motors  
 Those not limited to a single system or fuel; e.g. description or discussion of Diesel motor. Arrange alfabetically by name of machine
- .437 Parts and accessories of internal combustion engins
- .438 Special applications
- 3 Selfpropeld machinery  
 Engins for farm machinery, fire engins, roadrollers, etc. See also special machines
- 4 Selfpropeld vehicles  
 Class here only adaptation and application of internal combustion engins to motor vehicles. See also 629 for motor vehicles
- 5 Motors for small boats
- 6 " " large vessels
- 7 Airship motors  
 For airships see 629
- .44 Binary vapor engins
- .45 Windmills
- .46 Animal motors Tredmills
- .47 Solar engins
- .49 Power plants and central stations
- .5 Air compression or rarefaction Pneumatic machinery  
 Refrigeration Ice machines
- .51 Air compressors
- .515 Dry air compressors
- .517 Wet " "
- .52
- .53 Comprest air transmission and distribution
- .532 Details of transmission Piping, mains, gages, etc. Designs of transmission
- .54 Applications for comprest air  
 For pneumatic hoists, etc. see 621.86
- .541 Comprest air motors
- .542 Pneumatic tools: drills, hammers, etc.  
 See also 821.9 Machine tools
- .543
- .544 Special applications in railway servis  
 Comprest air locomotivs
- .545 Pumping by comprest air
- .549 Other applications  
 Pneumatic cleaning, sandblasts, tubes
- .55 Rarefied air and vacuum appliances  
 Vacuum cleaners: general discussion and description. See also domestic economy 648.52 Methods of sweeping and dusting
- .56 Refrigeration  
 For cold storage see 664.8
- .564 Refrigerating fluids
- .565 Refrigerating systems and plants  
 1 Brine system  
 2 Direct expansion system
- .566 Design Calculation of piping, refrigerating surface.  
 etc.

ENGINEERING

- 621.27 Refrigerating machines
  - .572 Ammonia compression machines
  - .573 Ammonia absorption “
  - .574 Carbonic acid machines
  - .575 Air machines, vacuum machines, etc.
  - .579 Other
  - .58 Icemaking
    - .581 Can system
    - .582 Plate system
- .6 Blowing and pumping engines
  - .61 Piston blowers Blast furnace blowing engines, etc.
  - .62 Rotary blowers
  - .63 Centrifugal blowers
    - Including fans: exhaust and plenum
  - .64 Power pumps and pumping engines
    - Regardless of motiv power
  - .641 General theory Design and construction
  - .642 Tests of pumps and pumping engines
  - .65 Direct acting pumps
    - .652 Piston pumps
    - .654 Plunger “
  - .66 Rotary pumps
  - .67 Centrifugal pumps
  - .68 Fire engines
  - .69 Other blowing and pumping devices
    - Steam jets, ejectors, etc.

DECIMAL CLASSIFICATION

621.7 Mills      Factories      Engineering works

Engineering questions affecting establishment and conduct of manufacturing plants. Arrangement of shops and departments (including storehouses, offices, etc.) with reference to sequence of processes, economy of power and handling; also equipment and internal arrangement of each shop. See also

- 651 Office methods and equipment
- 657 Accounting, costkeeping, estimates
- 658 Business methods
- 659 Advertising, etc.
- 670 Manufactures: articles, and methods and machines for making them
- 725.4 Architecture of factories

In 621.7 is considered the disposition of the material for which the architect constructs the shell, the assembling into a unit of elements essential to a great factory. A works manager may wish to keep *all* his notes on his own plant here, including machines and processes for his special product, but a general library should class manufactured articles, with the special means and methods of producing them, under the number for the article; e.g. a library would class material on spindles and looms in 677, but the manager of a woolen mill might prefer to class them in 621.7983 as an integral part of his plant, the classification under the regular number will usually prove more satisfactory in all cases

.701      Location

With reference to supply of raw material, market for finished product, shipping facilities, relative cost of freight on material or product; e.g. the much greater cost of carrying a bulky car than an equal weight of compact raw material as a factor in locating an automobile factory

.704      Organization and administration

Managers and engineers, professional staff; artisans and laborers regarded as machine accessories; hours and shifts considered solely with reference to effect on output. For wages and other economic aspects see 331 Capital, labor and wages; for factory legislation (protection and welfare of employees) see 338.9. For organization of clerical force, see 651

.705      Mechanics and laborers

.71      Drafting room

- .711      General
- .712      Arrangement
- .713      Equipment
- .714      Materials and supplies
- .715      Methods and processes
- .719      Other

.72      Woodworking shop      Pattern shop

May be subdivided like 621.71

.73      Forge shop

May be subdivided like 621.71

.74      Foundry

May be subdivided like 621.71

.75      Machine shop

May be subdivided like 621.71

.76      Blast furnace

May be subdivided like 621.71

.77      Rolling and drawing mills

May be subdivided like 621.71

.78



ENGINEERING

- 621.79 Other shops and departments
  - .792 Boiler and sheet metal shops
    - Stamping and punching May be subdivided like 621.71
  - .794 Special process shops
    - Galvanizing, plating, etc. May be subdivided like 621.71
  - .795 Finishing shop
    - Painting, glazing, grinding, buffing, testing. May be subdivided like 621.71
  - .796 Storehouses
    - <sup>2</sup> Materials and supplies
    - <sup>4</sup> Explosives
    - <sup>6</sup> Products Shipping department
  - .798 Department turning out main product
    - Processes and machines Varying for different kinds of factories and provided only for factory use, see note to 621.7. Libraries should leave vacant May be subdivided like 621.71
  - .799 Other minor shops and departments
- .8 Principles of mechanism Millwork and mechanism of transmission Hoisting and conveying machinery
  - .81 General Principles of mechanism Machine design
  - .82 Journals, shafting, etc.
    - .821 Journals
    - .822 Bearings: ball, roller, etc. Hangers Bearing metals
    - .823 Shafting
      - .8235 Flexible shafting
    - .825 Couplings and clutches Universal joints
      - Friction clutches
    - .826 Shaft brakes
    - .83 Tootht gears and cams
      - .831 General: theory, forms of teeth, tooth curvs
      - .832 Efficiency of gears Tests Friction of gears
      - .833 Design of gears
        - <sup>1</sup> Spur gears
        - <sup>2</sup> Bevel and skew bevel gears
        - <sup>3</sup> Worm and spiral gears
          - Screws for transmitting motion, endless screws
      - .834 Construction: gear cutting and casting
      - .835 Chain gearing
      - .837 Ratchet gearing: pawls, dogs
      - .838 Cams
      - .84 Valv motions and gears
        - General, trade catalogs; for special valvs see subject
      - .846 Valvs and cocks
      - .85 Machinery and mill gearing
        - Transmission by flexible connections
      - .852 Belt connection
      - .853 Hemp rope transmission
      - .854 Wire rope "
      - .856 Pulleys Sheaves
      - .858 Friction gearing

DECIMAL CLASSIFICATION

- 621.86 Hoisting and conveying machinery  
 For dredges see hydraulic engineering, 627.7 Dredging, dredging machinery See also 621.26 Hydraulic machinery; 621.18378 Fuel and ash conveyers
- .861  
 .862 Hoists: blocks and tackle
- .863 Mechanical tackle Chain blocks
- .864 Winches Capstans Windlasses
- .865 Power shovels
- .867 Conveyers Telferage
- 4 Belt or bucket conveyers
- 5 Belt: moving sidewalks
- 6 Bucket: escalators, moving stairs
- 9 Other conveyers: cash carriers, etc.
- .868 Telfers
- 4 Selfpropelling
- .869 Other: jacks, etc.
- .87 Cranes and elevators
- .871
- .872 Derricks
- .873 Revolving cranes  
 621.873-5 may be subdivided like 621.8771-5 by kind of power, if wisht; e.g. 3 Steam 4 Hydraulic 5 Electric
- .874 Traveling cranes
- .875 Locomotiv cranes
- .876
- .877 Elevators
- 1 Handpower
- 2 Belt driven
- 3 Steam, gasoline
- 4 Hydraulic
- 5 Electric
- 6
- 7 For special purposes
- 71 Passenger elevators
- 72 Freight “  
 For mines see 622.17-.68
- 73
- 74 Dum waiters Book lifts  
 Lifts for small objects
- 8 Apparatus
- 81 Car and guides
- 82 Power transmitting devices
- .83 Counterbalancing weights and guides
- 84 Control devices
- 85 Safety “
- 86 Accessories

ENGINEERING

- 621.88 Fastenings
- .882 Screws and bolts Systems of screw threads  
 For screws for transmitting motion see 621.8333
- .883 Keys and cotters
- .884 Rivets Design of riveted joints
- .89 Friction Lubrication Lubricants
- .9 **Machine tools**
- Manipulation Discussion and catalogs of different kinds and makes of metalworking tools. For manufacture of various tools, see 672. For wood-working tools, see 674 Wood manufactures; also 684 Cabinet making, 694 Carpentry, 736 Wood carving
- .91 Planing and milling machines
- .912 Metal planers, shapers, and slotters
- .92 Grinding and filing Abrasives
- .922 Cylinder and surface grinding machines  
 Lapping machines
- .923 Emery wheels
- .924 Filing machines
- .93 Cutting and sawing
- .931
- .932 Metal sawing and cutting machinery
- .94 Turning
- .941
- .942 Metal turning lathes
- .943
- .944 Pipethreading machines
- .945 Boring mills
- .95 Perforating machinery
- .951
- .952 Drilling machinery Drills
- .953
- .954 Reamers
- .955 Tapping machines
- .96 Punching and shearing machinery
- .97 Hammers Riveting tools
- .98 Bending, straightening, and shaping
- .981
- .982 Bending machinery
- .983 Straightening machinery
- .984 Flanging and die press machinery
- .99

622 Mining engineering. See also 338.2 Mining products; 332.41 Coinage metals  
 May be subdivided like 620 and 620.0; e. g. Societies, 622.06; Reports, 622.009

- .1 **Exploration and Prospecting.**
- .11 Theory. Applied Geology, etc.
- .12 Prospecting. Practical Methods.  
Including Divining Rods.
- .13 Mineral Surveys.
- .14 Mine Surveying.
- .15 Magnetic Surveys.
- .16 Theory of Faults. See 551.87 and 553.19
- .17
- .18
- .19 Mining Prospectuses. See 553
- .2 **Practical Mining.**
- .21 Excavation.
- .22 Quarrying.
- .23 Drilling and Blasting.
- .24 Deep Boring.
- .25 Shaft Sinking.
- .26 Tunneling and Drifting.
- .27 Stopping.
- .28 Timbering. Masonry lining. See also 622.56.
- .3 **Working of Mines. Exploitation.**
- .31 Open Workings.
- .32 Hydraulic Mining and Sluicing.
- .33 Coal Mining. See 553.2.
- .34 Metal Mining. See 553.3 and .4.
- .35 Working Thick Deposits.
- .36 Salt Mining. See 553.63.

- 622.4    **Ventilation and lighting of mines**
- .41    Theory    Gases met with, etc.
  - .42    Natural ventilation
  - .43    Furnaces    Steam jets, etc.
  - .44    Fans    See 621.62
  - .45    Airways    Stoppings    Regulators
  - .46    Mesurement of ventilation.
  - .47    Lighting    Safety lamps, etc.
- .5    **Drainage**
- .51    Theory of infiltration of water
  - .52    Natural drainage
  - .53    Cornish pumps    See 621.6
  - .54    Steam pumps    See 621.64
  - .55    Hoisting of water
  - .56    Dams and watertight linings    See also 622.28, Timbering
  - .57    Acid waters
- .6    **Extraction    Hoisting and transportation**
- .61    Handling mineral in working place
  - .62    Underground roads
  - .63    Mine cars    Trams, etc.
  - .64    Gravity roads and planes
  - .65    Trammig and animal haulage    See 625.7
  - .66    Mechanical haulage
  - .67    Hoisting engines    Drums    Ropes    Whims
  - .68    Cages    Skips    Buckets
  - .69    Surface transportation
    - Including mineral roads, wire ropeways, transhipment, loading and unloading, etc.
- .7    **Mechanical preparation    Ore dressing**
- .71    Theory    Preliminary operations
  - .72    Hand dressing
  - .73    Crushing    Stamping engin
  - .74    Screening
  - .75    Jigging    Oreconcentrators
  - .76    Slime treatment
  - .77    Magnetic separation
  - .78    Coal washing
  - .79    Dressing works
- .8    **Dangers and accidents**    See also 613.6 Hygiene; 331.82 Laboring classes
- .81    Explosions of firedamp
  - .82    Mine fires
  - .83    Crushing and fall of ground
  - .84    Flooding of mines
  - .85    Accidents to miners
    - .86    Rescue and relief
  - .87
  - .88
  - .89

## 623 Military and naval engineering

For military and naval science, maneuvers, strategy and tactics see 355-359

## SUMMARY

- 623.1 Fortifications: field and permanent
  - .2 Siege operations: mines, etc.
  - .3 Defensiv operations
  - .4 Ordnance and projectils
  - .5 Gunnery
  - .6 Military roads and bridges
  - .7 Military signals: telegraf, ballooning, etc.
  - .8 Naval architecture
  - .9 Armor      Torpedoes, etc.
- .1 Fortifications: field and permanent
  - .11 Principles of fortification
    - .111 Profiles
    - .112 Plans
    - .113
    - .114 Defilading
    - .115
    - .116 Details: bastions, curtains, glacis, etc.
    - .117 Accessory defenses
      - Flanking defenses; outworks, palisades; moats, obstacles, etc.
  - .12 Construction of permanent fortifications
    - .122 Earthwork
    - .123 Masonry: concrete
    - .124 Armor
  - .13 Systems of forts
    - .131 Central fort
    - .132 Citadel
    - .133 Fortified positions
    - .134 Barrier forts
  - .15 Temporary fortifications      Field works
  - .19 Special forts
    - Divided like 930-999; e.g. history of the fortress of Gibraltar 623.19468
- .2 Siege operations      Mines
  - Class here only engineering operations.      For conduct of sieges, see 355.44
  - .21 Siege works
    - Investment, establishing camps
  - .22 Circumvallation and countervallation
  - .23 Establishing parallels and advancing batteries
  - .24 Zigzags      Saps
    - Trenching, blindage, gabionades
  - .25 Breaching batteries      Breaches
    - For assaults see 355.44
  - .26 Land mines and torpedoes
    - See also 623.9 Submarine torpedoes
  - .27 Other means of demolition
    - Firing and exploding devices

**623.3 Defensiv operations**

For maneuvers see 355.44

.34 Defense of trenches

.35 " breaches

.36 Countermines

**.4 Firearms, ordnance and projectils      **Arsenals****

Including ammunition in general and fireworks. For manufacture of explosivs see 662. For general history of war customs and wepons, and of ancient engins of war see 399. Class here wepons for gunpowder and similar explosivs

**.41 Artillery material**

Class according to use

.412 Field artillery material

.413 Mountain " "

.414 Landing " "

.415 Siege " "

.416 Fortress " "

Including large guns (fortress, coast and naval) considered together

.417 Coast artillery material

.418 Naval " "

**.42 Guns****.421 Guns according to form and construction**

See also 623.5 Gunnery; 623.47 Gunmaking

1 Early forms: bombards, culverins, etc.

For blunderbuses and other early forms of small arms see 623.441

2 Guns proper or long cannon

3 Short cannon or howitzers (shell guns)

4 Mortars

5 Guns made in a single piece

6 Bilt up guns

61 Hoopt guns

62 Jacketed guns

63 Hoopt and jacketed guns

64 Wirewound guns

**.422 Guns according to mode of loading and operating**

1 Muzzleloading guns

2 Breechloading "

3 Rapidfire guns

4 Machine "

42 Multiple tube guns

Gatling guns, Hotchkiss revolving cannon

43 Single tube guns

5 Automatic and semiautomatic guns

Hotchkiss, Maxim, Colt

**.423 Form and interior arrangement of guns**

1 General plan

2 Outside form

3 Hooping

4 Jacketing

5 Bore

6 Rifling

7 Chamber

DECIMAL CLASSIFICATION

- 623.424 Breech and firing mechanisms
  - 1 Breech closing apparatus
    - 11 Block
    - 12 Wedge
    - 13 Screw
  - 2 Firing apparatus      Vent      Vent bushing      Firing pin
  - 3 Safety apparatus: gas checks, etc.
- .425 Sighting attachments
  - For detach apparatus, see 623.462
  - 1 Backsight, sliding notch, eyehole, etc.
  - 2 Sight      Foresight
- .43 Mounts and carriages
  - Including their parts and accessories
- .431 Field and mountain mounts and carriages
  - 1 Field mounts
  - 2 Mountain mounts
  - 3 Machine gun mounts
  - 4 Caissons and limbers
  - 5 Ammunition chests
  - 6 Battery carriages (i. e. tenders)
- .432 Siege mounts and carriages
  - 1 Siege gun mounts
  - 2 Howitzer mounts
  - 3 Mortar mounts
  - 4 Siege carriages (i. e. tenders)
- .433 Fortress, coast and naval mounts
  - For accessories see 623.435
  - 1 Casemate mounts
    - Pedestal and pivot mounts
  - 2 Barbet mounts
  - 3 Disappearing mounts
  - 4 Turret mounts
- .434 Naval mounts
  - For discussion limited to naval use
- .435 Mechanism of mounts
  - Platforms, circular pintle block and pivots
  - 1 Checks and transoms
  - 2 Chassis and crossed slides
  - 3 Mechanism for maneuvering and going into battery: wheels, trucks, rollers
  - 4 Sighting apparatus
  - 5 Recoilchecking mechanism      Breeching      Vent plug
  - 6 Recoil mechanism      Brakes
    - 61 Automatic friction recoil checks
    - 62 Screw brakes
    - 63 Hydraulic brakes
    - 64 Pneumatic      "
    - 65 Trail spades
  - 7 Reactionary mechanism
    - Devices for restoring guns to firing position after recoil
  - 71 Spring recuperators
  - 72 Pneumatic recuperators



ENGINEERING

- 623.436 Maneuvering appliances
- 1 Levers, handspikes, roller handspikes
  - 2 Breeching tackle
  - 3 Shot barrows, shell barrows
  - 4 Projectile hoists
    - See also 621.86 Hoisting and conveying machinery
- .44 Small arms
- Mechanism and military efficiency
  - For small arms practis see 355-5
  - " manufacture of small arms see 683
  - " weapons prior to firearms see 399
- .44 I Primitiv forms of firearms
- Blunderbus, harquebus, etc.
- .442 Rifles, muskets, carbines, musketoons
- Including also bayonet as part of the complete wepon
  - 1 Single shot, muzzleloading
  - 2 " " breechloading
  - 3 Repeating rifles
    - 3 I With magazine
    - 3 2 " loader
  - 4 Automatic guns
- .443 Pistols and revolvers
- 1 Single shot pistols
  - 3 Automatic pistols
  - 4 Revolvers
- .444 Side arms      Cutting arms
- For halberds, axes, dirks, poniards, and other antiquated forms see 399
  - 2 Swords
  - 3 Bayonets: saber bayonets, sword bayonets
  - 4 Lances
- .45 Ammunition and fireworks
- Kinds and relativ efficiency for military purposes. For details of manu-  
facture of powder and explosivs see 662
- .45 I Artillery projectils
- Including exploder as part of projectil
  - 1 Spheric projectils
    - 1 I Solid shot
    - 1 2 Bombs
    - 1 3 Shells: early shrapnel
    - 1 4 Grenades
  - 2 Elongated projectils
    - 2 2 Case shot: canister and grape
    - 2 5 Elongated bullets
    - 3 Shells
      - 4 Modern shrapnel
      - 5 Segment and ring shell
      - 6 Incendiary shells
        - For illuminating shells see 623.45446
    - 7 Shells with high explosiv      Torpedo shells
    - 8 Armorpiercing shells and other projectils

DECIMAL CLASSIFICATION

- 623.452 Powders Explosivs  
 See also 662.2 Powder manufacture
- 1 Gunpowder
- 2 Other powders
- 9 Other explosivs
- .453 Fixt ammunition
- .454 Exploding devices and fireworks  
 See also 662 Pyrotechnics, explosivs, matches, etc.
- 1 Matches and fuzes
- 11 Slow matches and fuzes
- 12 Quick matches and fuzes
- 2 Exploders
- 21 Percussion caps
- 22 Primers
- 23 Projectil fuzes
- 24 " detonators
- 29 Other exploders, etc.
- 3 Fireworks, bombs, etc.  
 For torpedoes see 623.9
- 31 Incendiary devices
- 32 War rockets
- 33
- 34 Petards
- 35 Camouflets
- 4 Illuminating fireworks
- 41 Links
- 42 Torches
- 43
- 44 Signal rockets
- 45
- 46 Illuminating projectils Star shells
- .455 Small arms ammunition  
 For powder see 623.452
- 1 Spheric bullets
- 2 Elongated bullets Minie ball
- 3 Cartridges Fixt ammunition
- 32 Jacketed bullets
- 35 Prohibited bullets: Dumdum or expanding; explosiv  
 Those prohibited by Hague conference
- .46 Artillery accessories
- .461 Battery tools
- .462 Instruments
- 1 Sighting apparatus: rear sight, quadrants, elevating arcs,  
 range scales
- 5 Range finders
- .463 Implements: rammers, swabs, levers
- .47 Arsenals  
 Subdivide like 621.7

ENGINEERING

- 623.48 Preservation and care of munitions  
     Reception, tests, accidents
- .481 Preservation  
     1 Magazines  
     2 Guns  
     3 Carriages  
     4 Small arms
- .482 Reception Tests Buying  
     1 Inspection  
     2 Acceptance tests  
     3 Function of commissions Experimentation
- .483 Accidents Explosions; preventiv mesures  
     1 Accidents to persons  
     2 " material  
     21 Accidents to arms  
     22 " in transit  
         Damage to boats, cars, etc.  
     23 Accidents to structures
- .5 **Gunnery**  
     Theoretic and experimental; efficiency of artillery system as a whole
- .51 Theory and strength of guns
- .52
- .53 Interior ballistics  
     Effects of powders; experiments
- .54 Exterior ballistics
- .55 Sighting and firing
- .551 Field and mountain guns
- .552 Siege guns
- .553 Fortress, coast and naval guns
- .554 Naval target practis
- .56 Effect of projectiles
- .561 On living targets: impact, gases
- .562 " inanimate targets  
     1 Earthworks  
     2 Masonry Concrete  
     3 Armor
- .57 Reaction of mounts
- .571 Rigid rolling mounts
- .572 " sliding "
- .573 Theory of braking
- .574 Mechanically controid recoil
- .575 Nonrecoil mounts
- .58 Traction of carriages

DECIMAL CLASSIFICATION

- 623.6 Military roads, bridges and bildings**  
 From the special point of view of military servis      For construction in general  
 see 690.1 and 721; for bridges, roads and railways see 624 and 625; for seacoast  
 walls, see 627 Hydraulic engineering
- .61 **Military bildings**  
 Duplicating 725.18 for military engineers.      Libraries should use 725.18 and  
 leave 623.61-.614 vacant; for construction of fortifications see 623.1
- .611
- .612 **Barracks**
- .613 **Military establishments**  
 Groups of bildings forming a unit; e.g. military schools, army posts
- .614 **Magazines**
- .62 **Military roads and thorofares**  
 See also 625.7 Construction of roads
- .63 **Military railways**  
 See also 625 Railway construction
- .631
- .632 **Destruction of tracks**
- .633
- .634
- .65 **Military bridges**  
 For permanent bridges see 624
- .651
- .652 **Pontoon bridges**
- .653 **Trestle bridges**
- .654 **Other temporary bridges**
- .66 **Bridge material**
- .7 **Military signals      Aeronautics, etc.**  
 Special military applications of science
- .71 **Military topografy**  
 Special processes and instruments.      See also 526 Topografy in general
- .72 **Photografy**  
 Reproductiv processes applied to military art.      See also 770 Fotografy
- .73 **Signaling      Military telegrafy**
- .731 **Visual signals: heliografs, searchlights, etc.**
- .732 **Military telegrafy**  
 Both wire and wireless.      See also 621.382 and 654 Telegrafy
- .733 **Military telefony**  
 Both wire and wireless.      See also 621.385 and 654.6 Telefony
- .74 **Military aeronautics**  
 For principles see 533.6 Aeronautics; for construction of airships see 629.13  
 Class here only military utility
- .741 **Machines lighter than air**
- .742 **Free balloons**
- .743 **Dirigible balloons**
- .744 **Captiv balloons**
- .745
- .746 **Machines hevier than air: aeroplanes**
- .749 **Other**
- .75 **Military sanitation**  
 Camp sites: soil, water, drainage, etc.      For personal hygiene see 613.6,

- 623.8 Naval architecture Shipbilding**  
 Including warship accessories. Class here comprehensiv works on shipbilding. Subdivide with 001-009 and 02-09 like 620. For ship design and theory see 623.81 Design; for principles of flotation see 532.3 Floating bodies
- .81 **General Design**  
 Class here also separate discussion of such general questions as flotation, displacement, stability, strength, resistance, propulsion and design; i. e. speed and power, coal endurance and steaming radius, passenger or cargo capacity, etc.
- .82 **Types of ships and boats**
- .821 **Primitiv and early forms**
- 2 **Rafts, catamarans, dugouts; galleys**
- .822 **Modern sailing vessels**
- 5 **Caravels, sailing yachts, etc.**  
 See also 799 Yachting; 623.824 Power yachts
- .823 **Engin driven vessels**  
 Steam, internal combustion, electric, etc.
- 2 **Tugs and lighters**
- 4 **Ferry boats: passenger, freight and train**
- .824 **Passenger and cargo vessels**  
 River, lake or ocean liners; power yachts, etc. For tugs, ferryboats, small motor boats, etc. see 623.823
- .825 **Warships**  
 Fighting vessels: battleships, cruisers, gunboats, monitors, torpedo boats, submarines. For sailing men-of-war see 623.822
- .826 **Other government vessels**  
 Transports, hospital ships, store and fuel ships (supply, food, refrigeration, ammunition ships; colliers, oilers, mineplanters, etc.) repair ships, lightships and lighthouse tenders, police boats, revenue cutters, fish commission boats, fireboats, etc.
- .828 **Other power vessels**  
 Ships for cable laying, icebreakers, trawlers, etc. For dredges see 627.7
- .829 **Other boats**  
 Flatboats, scows, lighters, canal boats, barges, rowboats and canoes, life-boats, surf boats
- .83 **Appliances peculiar to shipbilding**  
 Model tanks and experiments, including also Froude's tests on full size ships; launching ways and launching; dry or graving docks; moldloft and scribeboard
- .84 **Hull and its accessories**  
 Structural: watertight compartments; systems of construction (wood, composit, iron and steel), structural details (framing, bulkheds, etc.)  
 Nonstructural: joinery, nonstructural decks
- .85 **Hull accessories: masts and spars; rudder and steering gear; drainage, etc.**  
 Lighting, ventilating, heating, refrigerating; electric plant and lighting for ship installation only; see also 621.3 Electric engineering  
 Ship fittings: doors, hatches, etc.
- .86 **Equipment and outfit**  
 Superadded, not bilt in, but necessary for effectiv use of ship  
 Sails and rigging; anchors, chains, cables, hawsers; compasses, sounding machines, speed logs; boats, rafts, life preservers, buoys  
 Furniture, saloon and cabin furnishings; table and galley (kitchen) outfit.  
 See also domestic economy, 645
- .87 **Propelling machinery**  
 Vibration and balancing. For theory of propulsion see 623.81  
 See also 621.12 Marine engines; 621.165 Steam turbins; 621.18 Boilers
- .9 **Armor and armament**  
 Distribution, armoring; proper hight, etc; battery  
 For manufacture of armor plate see metallurgy, 669.1 Iron and steel
- .95 **Torpedoes**  
 Launching tubes and other accessories

624 Bridges and roofs Viaducts

Subdivide if wisht like 620.1-.9 and 620.0

- .1 **General**
- .12 Purpose
  - Highway, foot bridges, etc. regardless of structural type
- .13
- .14 Location Approaches
- .15 Foundations
  - General works Foundations of bildings are better clast 721.1
- .151 Foundation bed Nature of soil
- .152 Excavation, timbering, shoring
  - 624.153-.157 may be subdivided like 721.13-.17
- .153 Material for bilding foundations
  - For material for superstructure see 624.01
- .154 Pile foundations: general Material
- .155 " " methods of sinking
- .156 Platform foundations
- .157 Subaqueous foundations
  - Processes: cofferdam, caisson, freezing
- .16 Piers and abutments
  - Wood, masonry, metal. Subdivided like 620.1
- .17 Stresses and strains
  - General; if limited to a special type, class with that type
- .171 General Computation of stresses
- .172 Loads
  - Ded, live or moving loads
- .173 Highway
- .174 Railway
- .175 Wind pressure
- .176 Working stresses
- .2 **Girders and girder bridges**
  - Including floor systems; see .25 below
- .21 Girders
  - Continuous; discontinuous or independent
- .22 Solid beams
- .222 Wood
- .227 Metal
- .23 Plate girders Lattis girders
- .24 Trestles
- .25 Floor systems
- .26
- .27 Girder bridges
- .3 **Trusses and trussed bridges**
  - Constructed of systems of braced girders
- .31
- .32 Simple truss
- .33 Continuous truss
- .35 Cantilever truss Balance bridge
- .4 Tubular bridges Box-girder bridge

- 624.5 **Suspension bridges**  
 .52 Flexible Rope bridge  
 .53 Rigid  
 .55 Cables  
 .56 Towers or piers  
 .57 Anchorage  
 .6 **Arch bridges**  
 .62 Wood  
 .63 Masonry  
     Stone, brick, concrete, reinforced concrete  
 .67 Metal: iron and steel  
 .68 Hinged arch  
 .7 **Compound structures**  
     Structurally compound; e. g. plate girder and suspension, trussed arch  
 .8 **Movable bridges** **Drawbridges**  
 .82 Bascule: counterpoise, folding  
 .83 Swing: pivot, swivel, turning  
 .84 Lifting  
     Whole bridge lifted vertically  
 .85 Rolling  
     Floating; see also 624.87  
 .86 Aerial and other traveling bridges  
 .87 Pontoon bridges: floating, boat or raft  
 .9 **Roofs**  
     For other relations see Roofs in Relativ index
- 625 **Railroad and road engineering**  
 May be divided by o and oo like 620. For railway operation see 656
- .1 **Way and works**  
 .11 **Route**  
     Reconnaissance, preliminary and locating surveys; center line; grades; curves; switchbacks  
 .12 **Permanent way** **Roadbed**  
     Earthwork: surveys, computation, classification, cuts and fills. Drainage  
 .13 **Structures: tunnels, culverts, snowsheds**  
     Class here general works on tunnels; see also mining 622.26  
     For bridges and trestles see 624; for transportation bildings see 725.3  
 .14 **Track: ballast, ties and tieplates, strains**  
     Including also rails and their accessories  
 .146 **Monorail tracks**  
 .15 **Rails and accessories**  
     Rail braces, rail joints, chairs, track bolts, nut locks, spikes  
 .16 **Track accessories**  
     Turnouts, switches, sidings, bumping posts; crossings; signals; turntables; ashpits, track tanks; cattle gards  
 .17 **Road maintenance and repair** **Materials**  
 .18 **Road equipment**  
     Fences, gates, platforms, track scales, yards, etc. Stations, depots, shops, etc. considered as road accessories  
     For stations, depots, roundhouses, etc. see 725.3  
     For shops see 621.7  
 .19 **Other topics**

DECIMAL CLASSIFICATION

- 625.2 Trains and accessories**  
 Interrelations of road and rolling stock; strain and wear  
 For car bilding see 699  
 For time tables, traffic, etc. see 656
- .21 **Running gear**  
 Trucks, bogies and Bissell bogies; wheels, axles, tires, balancing; axle boxes and gards; lubrication  
 Suspension, bearing springs
- .22 **Cars**  
 Transverse section of car and track gage  
 Effect of length of car in rounding curvs
- .23 **Passenger cars**
- .24 **Freight and combination cars**
- .25 **Brakes      Buffers and couplings**
- .26 **Power requirements**  
 Length and weight of trains. Speed  
 See also 621.13 Steam engines; 621.3342 Electric engines; 621.43 Gas engines
- .27
- .28 **Monorail rolling stock**
- .3 **Inclined and mountain railways**
- .32 **Funicular railways**
- .33 **Rack railways**
- .4 **Elevated and underground roads, subways**
- .5 **Cable roads**
- .6 **Street railways, tramways**  
 See also 621.33 Electric traction; 625.4 Elevated and underground railways; 625.5 Cable roads; 699 Carbuilding
- .7 **Roads, highways, streets**  
 See also local government, 352.7 Streets, highways; for pavements see 625.8
- .71 **Road systems**
- .711 **Rural**
- .712 **Urban**
- .72 **Location**  
 Preliminary and locating surveys      Grades      Curvs
- .73 **Roadbed, foundation**  
 Earthwork      Subsurface drainage
- .74 **Dirt roads      Crowning      Drainage**
- .75 **Surfacing      Oil and other binders**
- .76 **Maintenance and repair**
- .77 **Trees      Parkings**
- .78 **Subsurface condits, pipes, etc.**  
 Sewers; water, steam and gas pipes as affecting roads
- .79 **Other topics**



ENGINEERING

- 625.8 **Pavement**
- .81 Flagstone
  - .82 Stone blocks and brick  
Including cobblestone. Requirements of paving stones  
For vitrified brick see 625.87
  - .83 Wood pavements Corduroy, plank, blocks
  - .84 Concrete pavements
  - .85 Asphalt
  - .86 Stone roads  
Macadam, telford and other broken stone processes
  - .87 Metal, vitrified brick, reinforced blocks  
For other brick pavements see 625.82
  - .88 Sidewalks May be divided like 625.81-.87
  - .888 Curbs
  - .89 Other topics
  - .9 Ship railways
- 626 **Canal engineering**
- .1 Route
  - .2 Water supply
  - .3 Size and shape
  - .4 Locks
  - .5 Lifts and inclined planes
  - .6 Canal boats: size, shape, etc. See 623.829 Shipbuilding
  - .7 Towing; power, etc.
  - .8 Irrigation canals and other irrigation works
  - .9 Ship canals
- 627 **River, harbor, and general hydraulic engineering**
- .1 Rivers: force of water, discharge, bars  
River improvement
  - .2 Harbors Breakwaters
  - .3 Docks Piers Quays Shipping facilities
  - .4 Dikes and levees, embankments
  - .5 Other protection and reclamation of land from tides and waves, drainage For agricultural drainage see 631
  - .6 Jetties
  - .7 Dredging Dredging machinery
  - .8 Dams
  - .9 Lighthouses Buoys
- 628 **Sanitary engineering Waterworks**
- .01 Theories, utility .02 Compendis .03 Dictionaries .04 Essays .05 Periodicals .06 Societies .07 Study and teaching .08 Polygrafy .09 History and description of sanitation and general sanitary works, divided geografically like 930-999
  - .1 **Water supply of towns** For isolated supply see 628.7
  - .11 Sources of water supply  
Lakes, rivers, springs, wells, and pumping
  - .12 Pumping vs gravitation systems  
Pump well, standpipe, high servis, Holly system

DECIMAL CLASSIFICATION

- 628.13 Storage and servis reservoirs
- .14 Conditis, aqueducts, tunnels See 625
- .15 Mains and servis pipes Freezing, iron, led
- .16 Impurities and their removal: filter basins, etc.
- .17 Public (sprinkl'ng, fire, flushing), manufacturing, and domestic use and waste; meters
- .2 Sewerage works**
- .21 Sewerage systems
- .211 Combined system
- .212 Separate system
- .213 Liernur system
- .214 Shone system
- .215 Berlier system
- .216 Other systems
- .217 Outfall
- .218 Depth and alinement
- .219 Grade and velocity
- .22 Shape and size of sewers
- .221 Stormwater flow
- .222 Ordinary flow
- .223 Circular section
- .224 Ordinary eg shape
- .225 Other eg shapes
- .226 Other forms
- .228 Formulas for size
- .23 Ventilation of sewers
- .231 Openings in streets
- .232 Lamp posts
- .233 Flues in houses
- .234 Pipes on houses
- .235 House drains
- .236 Chimneys and furnaces
- .237 Charcoal and chemicals to deodorize sewer gas
- .238 Special mechanism
- .239 Special construction
- .24 Design and construction of sewers
- .25 Sewer appurtenances
- .251 Junctions
- .252 House connections
- .253 Manholes and lampholes
- .254 Flushing shafts and fixtures
- .255 Catch basins and inlets
- .256 Traps and ventilators
- .257 Valvs and penstocks
- .258 Overflows and regulators
- .259 Miscellaneous

- 628.26 River crossings
- .27 Intercepting and outfall sewers
- .28 Reservoirs and tank sewers
- .29 Pumping stations
- .3 **Disposal of sewage**
- .31 Physical properties of sewage
- .32 Deodorization and disinfection of solids and liquids
  - See also 628.237
- .33 Subsidence
- .34 Precipitation
  - .341 Precipitation tanks
  - .342 Mixing machinery
  - .343 Filter presses
  - .344 Precipitation by salts of alumina
  - .345 By lime
  - .346 By salts of iron
  - .347 By other methods
  - .348 Disposal of sludge
  - .349 Miscellaneous
- .35 Filtration
- .36 Irrigation
  - .361 Broad irrigation
  - .362 Ridge and furrow irrigation
  - .363 Flatbed irrigation
  - .364 Subsurface irrigation
  - .365 Intermittent downward filtration
  - .366 Carriers and appurtenances
  - .367 Drains and drainage of sewage farms
  - .368 Filtration areas
  - .369 Miscellaneous
- .37 Sewage farming      Required modifications of ordinary methods
- .38 Sewage manures
- .39 Discharge into sea, etc.
- .4 **Sanitation of towns**
- .41 Middens and privies
- .42 Pail systems
- .43 Earth closet systems
- .44 Domestic ashes and garbage
- .45 Public urinals and latrines
- .46 Street cleaning and sprinkling
- .47 Pavements and subways
- .48 Trees in streets and squares
- .49 Manufacture of fertilizers from town wastes

- 628.5 Industrial sanitation**
- .51 Factories and trades
  - .511 Prevention of dust and fumes
  - .512 Protection of throat and eyes
  - .513 Protection against infection
  - .519 Special trades
  - .52 Effluvium nuisances
  - .521 Situation of works
  - .522 Use of high chimneys
  - .523 Condensation in water
  - .524 Combustion in furnaces
  - .529 Special trades
  - .53 Smoke nuisance
  - .538 From steam generators
  - .539 From special industries
  - .54 Disposal of solid and liquid wastes
  - .541 Discharge into streams
  - .542 Absorbing wells and burial
  - .543 Clarification by subsidence
  - .544 Chemical treatment
  - .545 Filtration
  - .546 Purification by the soil
  - .549 Special methods and special trades
  - .6 **House drainage**
  - .7 **Rural water supply: villages and country houses**
  - .8 **Ventilation and heating**  
This head is chiefly for ventilation. Most matter on heating goes in 697  
 See also Heating, Ventilation, in Relativ index
  - .9 **Lighting** See 621.32, 537.83, 644.3, 665
- 629 Other branches of engineering**
- .13 **Aeronautics Aerial navigation**  
Usual form division .09 to include general accounts of voyages, but class special voyage with type of machine used
  - .141 Aerostatics
  - .142 Aerodynamics, bird flight, soaring
  - .143 Meteorologic conditions; wind currents, etc.
  - .144 Aerodromes, flying grounds, parks  
Experiment stations, landing places, sheds, hangars
  - .145 Navigation  
Atmospheric roads, airways; aerial maps, topography; airsickness; disasters
  - .148 Laws, international and local

ENGINEERING

- 629.15 Aircraft lighter than air      Aerostation
- .151      **Nondirigible**  
             Hot air balloons, montgolfières; pilot balloons; balloon sonde; kite and  
             captiv balloons
- .154      **Dirigible      Airships**
- .155          **Rigid**
- .156          **Semirigid**
- .157          **Nonrigid**
- .16      **Construction**
- .161          **Gas envelop, material**  
             Balloon fabrics, netting, gas used, apparatus for inflation
- .162          **Car or basket, cabin, seats**  
             Method of attaching to gas envelop
- .163          **Motors**  
             See 621.4387
- .164          **Propellers**
- .165          **Steering apparatus**
- .166          **Balancing**
- .167          **Landing apparatus: anchors, parachutes**
- .17      Aircraft hevier than air      Aviation
- .171          **Kites**
- .172          **Gliders**
- .173          **Monoplanes**
- .174          **Biplanes**
- .175          **More than 2 planes**
- .176          **Helicopters**
- .177          **Ornithopters or orthopters**
- .179          **Special adaptations: hydroaeroplanes, aviettes**
- .18      **Construction**
- .181          **Structure**  
             Planes, wings, ailerons, etc.
- .182          **Seats, cabin, etc.**
- .183          **Motors**  
             See 621.4387
- .184          **Propellers**
- .185          **Steering apparatus**
- .186          **Stability, balancing apparatus**
- .187          **Starting and landing apparatus**
- .19      **Applications of aeronautics**
- .2      **Motor vehicles, automobiles**  
             Mechanically propeld and motor vehicles for highways: bicycles, motor cycles,  
             etc.      For highway vehicles for separate tractors see 684

630 **Agriculture**

- .1 Periodicals      .2 Compendis      .3 Dictionaries, cyclopedias      .4 Essays  
 .5 Societies      .6 Societies      .7 Study and teaching      .8  
 .9 History, divided like 930-99

631 **Farm, farmstead      Soil: fertilizers, drainage**

Agricultural machinery

- .8 **Fertilizers**  
 .81 History, nature, uses  
 .811 Nutrition of plants; necessary principles  
 .812 Production, preparation, collection, conservation  
 .813 Composition  
 .814 Loss of fertilizing principles  
 .815 Economic value  
 .816 Use      Methods of application and distribution  
 .817 Purchase      Transport      Cost  
 .818 Frauds      Adulterations      Control: legislation, inspection, analysis

These numbers may be used when wished after any special fertilizer as a subdivision; e. g. 631.8525 Economic value of bone as a fertilizer  
 631.8733 Composition of seaweed

- .82 Mineral amendments  
 .821 Lime, gypsum, plaster  
 .822 Marl  
 .825 Sulfate of iron  
 .83 Potash fertilizers  
 .831 Wood ashes, vegetable ashes, burning turf  
 .832 Chlorids  
 .833 Sulfates  
 .84 Nitrogen fertilizers  
 .841 Ammonia  
 .842 Nitrates  
 I Calcium cyanid  
 .843 Animal industry residues: skin etc.  
 See also 831.852 Bone  
 .844 Fish  
 .845 Blood  
 .846 Tankage  
 .847 Vegetable nitrogen fertilizers  
 Cotton seed meal, castor beans, pomace  
 I **Nitrifying crops**  
 .848 Azotin, ammonite, etc.  
 .85 Phosphoric acid  
 .851 Natural rock  
 .852 Bone  
 .853 Slags  
 .854 Guano  
 .855 Superphosphates  
 .86 Farmyard manures, etc.  
 631.861--865 agreeing with 636.1-5

USEFUL ARTS

- 631.87 Vegetable manures
  - .871 Muck
  - .872 Leaves
  - .873 Seaweed
  - .874 Green manures
  - .875 Vegetable compost heap
  - .876 Residue from vegetable industries
  - .88 Fertilizer experiments
- 632 Pests Hindrances Blights Insects
- 633 Grains Grasses Fibers Tea Tobacco, etc.
  - .1 Cereals
- 634 Fruits, orchards, vineyards, forestry
  - .1 Pomaceous or pome fruits
  - .2 Drupaceous or stone fruits Prunus
  - .3 Citrous fruits, orange family, etc.
  - .4 Minor fruits
    - .41 Anonaceous fruits, custard apple family
    - .42 Myrtaceous fruits, myrtle family
    - .43 Sapotaceous fruits, star apple or sapodilla family
    - .44 Anacardiaceous fruits, cashew family
    - .45 Ebenaceous fruits, ebony family
    - .46 Leguminous fruits, bean family
  - .5 Nut fruits Nuciculture
  - .6 Palmaceous fruits; palm family and miscellaneous tree fruits
    - Cocoanuts, dates, olives, pomegranates, etc.
  - .7 Small fruits: bush and herblike fruits
  - .8 Grapes, vineyards
  - .9 Forestry
- 635 Garden crops; kitchen and market gardening
  - .1 Edible roots, including tubers and bulbs
    - .2 Tubers and bulbs
  - .3 Edible leaves or flowers
    - .4 Greens, pot herbs
    - .5 Salads
      - Generally eaten uncooked
  - .6 Edible seeds and fruits
  - .7 Condimental and sweet herbs
  - .8 Mushrooms, truffles
  - .9 Floriculture
    - See also 716 Plants, flowers

## 636 Domestic animals

See also 619 Veterinary medicin; 599.7 Zoology

- .1 Horses, asses, mules  
See also 682.1 Horseshoeing
- .2 Cattle  
See also 637 Dairy
- .3 Sheep, goats
- .4 Swine
- .5 Poultry
- .6 Birds
- .7 Dogs
- .8 Cats
- .9 Other: camels, etc.

## 637 Dairy and dairy products

- .1 Milk

## 638 Bees, silkworms, etc.

Insects whose products are useful for food or manufactures

- .1 Bees, honey, wax
- .2 Silkworms
- .3 Cochineal

## 639 Hunting, trapping, fish culture, etc.

See also 799 for sporting side

- .1 Hunting, trapping, game preservs, etc.
- .2 Fishing as an occupation
- .3 Fish culture      Pisciculture  
Including turtle, terrapin, frogs
- .4 Oysters and other mollusks      Shellfish  
Oyster, clam, mussel, snail, pearl-fishing, scallop, quohog, cockle, winkle, periwinkle
- .5 Crustaceans  
Lobsters, crabs, crawfish, shrimps, prawns
- .6 Other sea food  
Sea urchin, echinus
- .7
- .8 Leeches



## 640 Domestic economy

Public as well as private household administration covering work of housekeeper, matron, steward, janitor, etc. in hotels, clubs, apartments, boarding houses, schools, restaurants, factories, offices and other commercial buildings, churches, theaters, railway stations, ships and other public gathering places.

For economics of consumption, including standards of living, see 339; for care of library buildings see 025.9. Numbers for allied subjects in army and navy will be provided under military and naval science. See also 331.83 Food, clothes and shelter of laboring classes

## SUMMARY

- 641 Food, cookery
- 642 Serving, entertaining
- 643 Shelter, house, home
- 644 Heat, light, ventilation
- 645 Furniture, furnishings      Decoration
- 646 Clothing, toilet
- 647 Administration, household management
- 648 Sanitary precautions, cleaning
- 649 Nursery, sickroom

- .1 Theories, utility, etc.
- .2 Compendis
- .3 Dictionaries, cyclopedias
- .4 Essays
- .5 Periodicals
- .6 Societies
- .7 Study and teaching
  - Schools of housekeeping, experiment stations. Investigations of home conditions. For cooking schools see 641.07
- .71 Schools and experiment stations
  - See 630.7 Agricultural schools, farmers institutes; 630.6 Farmers associations, granges, etc; 371.42 Manual training courses; 371.6764 Laboratory equipment for home economics courses; 375.64 Place in curriculum; educational values. 640.711-.74 may be used for keeping all phases of the subject in 640
- .711 College and university courses and departments
  - Schools of college grade
- .712 Secondary courses; high school
- .713 Elementary courses; below high school
- .714 Extension work
  - Courses for special needs: women's clubs, farmers' wives, etc.
- .72 Research work: experiment stations, graduate courses
  - For Sage foundation see 306
- .73 Normal courses, teachers institutes, etc.
- .74 Exhibits      Museums
- .9 History
- 641 Food Cookery
  - For physiology of nutrition, see 612.39; for dietetics and dietary standards, 613.2; for food values, 641.1
- .01 Gastronomy      Epicurism
  - Pleasures of eating, esthetics of cookery, epicures (gourmets). For gluttony, see 178.91 and 613.25
- .02 Compendis
- .03 Dictionaries, cyclopedias
- .04 Essays, addresses, lectures
- .05 Periodicals
- .06 Societies
- .07 Study and teaching      Cooking schools, classes and clubs
- .08 Polygraphy
- .09 History and description
  - Divided like 930-999. Including foods characteristic of different peoples, but for preparation of specific dishes (i. e. recipes) peculiar to special countries see 641.59

**641.1 Food chemically considered Food values Tables**

For methods of chemical analysis see 543.1; for adulterations see 614.3; for commercial preparation or manufacture see 664; for physiology of nutrition see 612.39; for dietetics see 613.2

612.39 treats of physiologic effect of different kinds and quantities of foods from purely scientific point of view, without regard to benefit or injury

613.2 treats of food requirements in special conditions of age or disease and of the beneficial or injurious effects of different kinds of foods

641.1 translates scientific facts into familiar terms for cook and housekeeper, treats of the required amount of the different constituents and their proportion as found in various foods

**.11 Organic food constituents****.12 Proteids or nitrogenous foods**

Meat, eggs, nuts, legumes, etc. See also 612.398

**.13 Carbohydrates or nonnitrogenous foods**

Vegetables, cereals, fruits, sugar See also 612.396

**.14 Fats, oils**

See also 612.397

**.15 Inorganic food constituents****.16 Water****.17 Salts, mineral or ash constituents****.3 Animal and vegetable foods**

Class here also works dealing both with food material and its preparation

Subdivided like 630 (not yet completed); e.g. 641.33, Cereals, 641.34 Fruits

**.31 Prices Relativ cost**

Quality and other factors in buying for table

**.4 Food preservation Markets**

Subdivide like 664 (not yet completed)

For commercial methods see Chemic technology 664.8-.9; for transportation see 656 (subdivision not completed)

**.5 Cookery Cook books**

General recipes, specific directions, in whatever form (books, cards, etc) for preparing food

Distinction between 612.39, 613.2 and 641.5; in 641.5 class cook books and collections of recipes in which physiologic and hygienic effects of foods (if treated at all) are secondary; in 613.2 class dietaries and selection and preparation of food for special systemic conditions, with recipes subsidiary or with recipes and diet about evenly balanced; in 612.39 class the scientific study of physiologic effects of various foods, regardless of benefit or injury

See also 641.59 Recipes peculiar to special countries; 641.6 Cookery of specific substances; 641.7 Cookery by specific processes; 641.8 Composit dishes, ices, confectionery, beverages

**.52 Brekfast****.53 Luncheon, afternoon tea, supper****.54 Dinner****.55 Economic cookery****.56 Special conditions**

Under limitations of age, helth, ethical or religious theories, etc

**.562 Children****.563 Invalids and aged Hospital cookery****.564 Ethical limitations****.565 Religious limitations****.566 Seasons and days: Lent, fast days, etc.****.567 Cults: Jews, Buddhists, etc.**

DOMESTIC ECONOMY

- 641.57 Special situations  
 Adaptation to large numbers, large variety, and limitations of time, place  
 or appliances
- .572 Hotel and restaurant cooking
- .573 Army and navy cooking  
 See also 355
- .574 Shipboard cooking  
 Exclusiv of navy
- .575 Camp and travel cooking
- .576 Railway dining and buffet cars
- .577 Itinerant companies; circuses, etc.  
 Methods of feeding large numbers en route or in temporary shelters
- .578 Camp cooking
- .58 Special utensils or fuels
- .583 Cooking by oil  
 Including oil and gas together
- .584 Cooking by gas
- .585 Cooking by alcohol Chafing dish recipes
- .586 Cooking by electricity
- .587 Cooking by apparatus heated by steam or hot water
- .588 Cooking by slowly applied heat  
 Aladdin ovens, fireless cookers
- .59 Cookery of special countries  
 Class here descriptions of national cookery or recipes for dishes character-  
 istic of special countries or regions
- .591 Frigid zone and cold wether
- .592 Tropics and hot wether  
 Divide farther like 930-999, using these numbers preferably only for  
 reference and shelving books under 641.5-.578
- .6 Cookery; clast by material  
 Subdivide like 641.3 (not yet completed)
- .7 Cookery; clast by process
- .71 Baking, roasting
- .72 Braising
- .73 Boiling, simmering Soups
- .74 Stewing
- .75 Steaming
- .76 Broiling, grilling
- .77 Frying, sautering
- .8 Composit dishes  
 Ices, confectionery, beverages, etc. See also 641.53 Luncheon, afternoon tea,  
 supper
- .81
- .82 Entrées Made dishes
- .83 Salads
- .84 Sandwiches
- .85 Confectionery, candies, sweets, bonbons
- .86 Ices: ice cream, sherbet, water ices, etc.
- .87 Beverages Soft drinks  
 See also 663 Manufacture of beverages; 663.8 Bartenders manuals, mixing  
 drinks; 613.3 Hygiene of beverages

## 642 Serving Table Entertaining

See also 395 Etiquet

- .1 **Home and family meals**
  - Brekfast, lunch, dinner, supper. Menus and servis
  - For tables of chemic constituents and calories see 641.1
- 2 **Refreshments**
  - Afternoon tea, sandwiches, ices, soft drinks
- .3 **Camp, picnic and travel lunches**
  - Lists of supplies; suitable food and dishes; packing and accessories. For recipes see 641.53; for camp cookery see 641.578
- .4 **Entertaining**
  - .41 Private entertainments
  - .42 Small numbers
    - Luncheons, dinners, etc.
  - .43 Large numbers
    - Receptions, balls, garden parties, etc.
  - .45 Public entertainments
    - Banquets, dinners, clambakes, etc. For history of banquets, eating, etc. see 394.1 under Public and social customs. For dining room see 643.4
  - .48 Toasts Table anecdotes and conversation
    - See also table talk in literary miscellany
  - .5 **Table systems for large numbers**
    - .51 Table d'hôte
    - .52 American plan
    - .53 European plan, à la carte
    - .54 Club: choice of combinations
    - .55 Harvard Memorial hall plan
      - Harvard university plan of a fixt charge for essentials, and coupons (alimentary milage) for extras
    - .56 Mixt plan
      - Table d'hôte and à la carte; table d'hôte and club
    - .57 Lunch counters Cafeteria
    - .58 School lunch rooms
      - Management, prices, rules for payment, suitable food, freedom of choice, etc. See also 371.716 School meals
  - .6 **Serving Carving**
    - Directions for setting table, changing courses, etc.
  - .7 **Table furnishings**
    - Linen, china, glass, plate, etc. Preferably clast here, tho possible to be considerd part of 645.66 Dining room furnishings
  - .8 **Table decoration**
    - Selection and effectiv arrangement of flowers, colors, lights, centerpieces, etc.

## 643 Shelter: house, home

For types of houses and plans see 725, 727 and 728; for materials and construction see 690; for heating and ventilation see 628.8, 644 and 697; for lighting, 628.9 and 644.3; for plumbing and gasfitting see 696; for furnishing see 645

- .1 Location, site**  
 Social and religious character of neighborhood; accessibility, railways, tramways, etc.; nearness to churches, schools, markets, etc. Property increasing or decreasing in value  
 For hygiene of soil and grounds (city, village or country) see 614.77; for Sanitation, water supply and drainage see 628
- .2 Plan**  
 Requirements of house for convenient and economic administration; relative situation and intercommunication of rooms, amount and direction of light, etc. Special rooms: kitchen, dining room, baths, etc. For detach rooms and buildings see 728.9; for furnishing see 645; for architectural aspect of structural parts of house (foundation, floors, walls, etc.) see 721; for wall finish see 729.31
- .3 Kitchen and its equipment**
- .31 Plan: situation and arrangement**  
 Relation to rest of house. Housekeeper's requirements as guide to architect. Light. For plans see 728 Residences, and 728.93 Detach kitchens
- .32 Ventilation**  
 Carrying off odors, etc.
- .33 Stoves, ranges, cookers, hot tables, fuels**  
 See also 641.58 Cooking by special utensils or fuels
- .331 Fireplaces, open fires: turnspit, crane, etc.**
- .332 Coal and wood Stoves and ranges**
- .333 Oil and oil stoves**
- .334 Gas and gas stoves**  
 Including natural gas and acetylene
- .335 Alcohol and alcohol stoves Chafing dish**
- .336 Electricity and electric stoves**
- .337 Steam heated cooking appliances Steam tables**
- .338 Slow and fireless cookers**  
 Aladdin oven, Norwegian haybox. See also 641.588
- .34 Machinery and laborsavers**
- .35 Utensils**
- .36 Pastry room**
- .37 Storeroom, larder Refrigerators**
- .38 Care of kitchen and accessory rooms**
- .39**
- .4 Dining room and adjuncts**
- .45 Serving room Butler's pantry**
- .47 Other pantries**
- .48 Cupboards**
- .5 Other special rooms**
- .52 Baths, lavatories, toilets**
- .57 Sun rooms, solariums: sleeping balconies, etc.**
- .58 Laundry**  
 Place in house; for equipment see 648. See also 728.93 Detach laundries
- .6 Laborsavers**  
 General: bells, telefones, tubes, lifts, chutes, door openers and closers, etc. See also special subjects; e.g. 648.52 Vacuum cleaners
- .7 Repair**

## 644 Heat Light Ventilation

## .1 Systems of heating

Desiderata, relativ advantages for household  
For varieties of apparatus and installation see 697; for sanitary engineering  
see 628.8

## .15 Fireplaces Family hearthstone

Open fire as household institution; mental influence  
Sanitary advantages. See also 749 Artistic fireplaces

## .19 Portable heaters: bedwarmers, warming pans, footwarmers

## .2 Fuels

Relativ cost; cleanliness; labor involved, e.g. hauling and carrying wood or coal  
and removing ashes. Chimney sweeping

## .21 Wood

## .22 Coal

## .23 Oil, gasoline, etc.

## .24 Gas

## .26 Electricity

## .3 Systems of lighting

Fixtures, fittings, accessories. Class here general discussion covering fixtures  
and medium, their relativ advantages, etc. For medium alone see 644.31; for  
fixtures see 644.32

## .31 Lighting medium

See also Chemic technology 665

## .311 Candles

## .312 Oil

## .313 Gas

## .314 Acetylene

## .315 Electricity

See also 621.32 Electric lighting

## .319 Other

## .32 Apparatus and accessories

Subdivide each, if wisht, like 644.31

## .321 Hand lamps Candlesticks

## .322 Lanterns

## .323 Table, banquet and piano lamps

## .324 Standards

## .325 Wall lamps Sconces

## .326 Chandeliers Ceiling fixtures

## .5 Ventilation

Most material belongs elsewhere: hygienic influence of air and light 613.1;  
sanitary engineering 628.8; ventilating apparatus 697.9. For advantages of  
fireplaces see 644.15

## 645 Furniture, carpets, upholstery Decoration

For plan and furnishing treated together see 643

See also hygiene 613.59; architectural decoration 729; design 745; artistic furniture 749; manufactures of cotton, wool, etc. 677

- .1 **Floor coverings: carpets, rugs**
- .2 **Wall coverings**
- .3 **Window and door furnishings**  
Screens, shades, awnings, draperies, wether strips
- .4 **General furniture**  
See also 645.6 Furnishings for special rooms
- .41 **Chairs**      **Footstools**
- .42 **Couches**      **Settees**
- .43 **Tables**
- .44 **Desks**
- .47 **Cushions, pillows, etc.**
- .48 **Linen**  
Removable furniture covers, centerpieces, etc. See also 642.7 Table furnishings; 645.67 Bedroom furnishings
- .49 **Other**
- .5 **Ornaments**  
Clocks, vases, pictures, statuary, etc. See also 739 Bronzes, brasses, bricabrac
- .6 **Special rooms**  
For kitchen see 643.3; for laundry see 648
- .61 **Hall and stairs**  
Hatracks, umbrella stands, etc.
- .62 **Drawing room**      **Reception room**      **Parlor**
- .63 **Library**
- .64 **Study or offis**
- .65 **Living room**  
Class here furnishings of room used as combined reception room, library and living room
- .66 **Dining room**  
For table equipment and decoration see 642.7-.8
- .67 **Bedrooms and nursery**  
Sleeping balconies, open air bedrooms. Beds and bedding, linen, etc. For nursery see also 649
- .68 **Bathrooms**      **Lavatories**      **Toilets**  
Fittings and supplies. See also 646.7 Bathing
- .69 **Other rooms**  
Music, billiard and ball rooms, picture gallery, servànts rooms, cellar, attic
- .8 **Outdoor space**  
Verandas, balconies, roof gardens  
For sleeping balconies see 645.67. See also 712 Private grounds; 717 Arbors, seats, outlooks

## 646 Clothing Toilet

See also ethics of dress, display 177.4; ecclesiastic costume 247.7; clothing as related to economics of laboring classes 331.83; bleaching and dyeing 667.1-.3; academic costume 378.29; history of costume 391; clothesmaking 687; hygiene of clothing 613.48; adulteration of textiles 614.37; for uniforms and liveries see occupations to which they pertain

- .01 Psychology and economics of fashions
  - Reasons for change of fashions; expense of fashionable dressing
- .02 Compendis
- .03 Dictionaries, cyclopedias
- .04 Essays, lectures, addresses
- .05 Periodicals
- .06 Societies Dress reform societies
- .07 Study and teaching
- .08 Polygraphy
- .09 Adaptation to climate or season
- .091 Clothing for cold wether and frigid zones
- .092 " " hot " " tropics
- .1 **Materials Textils and fibers**
  - With reference to domestic use, or domestic use and hygiene combined. For hygiene of materials see 613.481; for general works on textils and fibers see 677 Manufacture of textils
  - .11 Cotton
  - .12 Linen Flax Hemp
  - .13 Wool Mohair, alpaca, camel's hair, rabbit's hair, etc.
  - .14 Silk
  - .15 Lether
  - .16 Fur
  - .17 Other animal materials: fethers, hair, whalebone
  - .18 Other vegetable materials
  - .181 Rubber
  - .182 Paper
  - .183 Celluloid
  - .184
  - .185 Straw Raffia
  - .186 Other fibers: jute
  - .19 Other materials Tinsel, aluminum, asbestos, etc.
- .2 **Sewing Knitting Crochet**
  - For fancywork see 746
  - .21 Plain sewing
    - Running, backstitching, hemming, overhanding, etc.
  - .24 Mending Darning
  - .26 Knitting and crochet Tatting
    - For machineknit goods see 677
  - .27 Crochet
- .3 **Clothing divided by wearers**
  - Class here trade catalogs; e.g. Liliputian bazar catalog 646.36
  - See also 391 Costume; 687 Clothesmaking as a trade
  - .32 Clothing for men
  - .34 " " women
  - .36 " " children



- 646.4 Clothing divided by purpose**  
 Including directions to amateurs for cutting and making, economic use of material, suitability of material for purpose, adaptation of style to material and purpose, choice of color, etc. For limitation to special kinds of garments see subdivisions below; e.g. patterns or catalogs of underwear 646.42  
 Subdivisions .42-.48 may be farther divided by 2 Men, 4 Women, 6 Children
- .42 Underwear
  - .43 Outer house garments  
 Gowns or dresses, coats, trousers, etc.
  - .45 Outdoor garments  
 Cloaks, coats, overcoats, shawls, sweaters, etc. See also 646.5 Hedgear, millinery; 646.48 Accessories: gloves, mufflers, etc.
  - .46 Outer footwear  
 For hose see 646.42
  - .47 Garments for special purposes  
 Negligée, lounging or smoking, yachting, bathing, hunting, riding, etc.
  - .48 Accessories  
 Neckties, collars, cuffs belts, aprons, caps, handkerchiefs, gloves, mufflers, garnitures, etc.  
 For outdoor hedgear see 646.5
  - .5 Millinery Outdoor hedgear  
 See 687 Millinery as a business
  - .52 Hats, caps, etc. for men
  - .54 Hats and bonnets for women
  - .55 Other outdoor hedgear for women  
 Hoods, scarfs, etc.
  - .56 Hedgear for children
  - .57 For boys
  - .58 " girls
  - .6 Cleaning Drycleaning  
 For laundry see 648.1
  - .7 Toilet Cosmetics Bathing  
 Care of hair, nails, teeth, etc.  
 For historic customs see 391.5-.6. See also hygiene, 613.4 care of body
- 647 Household organization and administration**
- .1 Household accounts; finances, cost  
 See also bookkeeping 657
  - .2 Personnel  
 Intelligence offis, employment bureau  
 Class here regular employees or assistants; for occasional employees see 647.29  
 For ethical considerations, see 173.8. See also political economy, 331 Labor and wages
  - .21 Manager  
 Superintendent, housekeeper, steward. See also 640.8
  - .22 Male employees
  - .23 Female "
  - .24 Foren "  
 Races and nationalities: orientals, negroes, etc.
  - .25 Indoor servis  
 Cook, butler, waitress, parlor maid, lady's maid, chambermaid, nurse, laundress, furnaceman, etc. For housekeeper, steward, etc. see 647.21; for outdoor servis see 647.3
  - .29 Other employees  
 Emergency help, household registers
  - .3 Servis outside the house  
 Coachman, gardener, laborers

DECIMAL CLASSIFICATION

- 647.6 Wages Hours Duties
- .9 Cooperativ and collectiv housekeeping  
Hotels, clubs, apartments, commercial bildings, churches and other public and semipublic establishments or rooms  
See also 692.9 Bilding laws; 728 Residence architecture
- .91 Tenements  
See also 728.1 Tenement house architecture; 331.83 Housing of laboring classes, including tenement house laws; 613.53 Hygiene of tenements
- .92 Apartments, flats  
See also 728.2 Apartment house architecture
- .93 Cooperativ housekeeping  
See also 334.4 for economic aspect
- .94 Hotels Clubs  
See also 728.4 Clubhouse architecture; 728.5 Hotel architecture
- .95 Restaurants, tea rooms, etc.  
See also 642.5 Table systems for large numbers
- .96 Public bildings Institutions  
General administration and care affecting helth and convenience of occu-rants and public; janitor's duties. May be subdivided if wisht like 725; e.g. 647.962 Administration of offis bildings, or 647.9623 if so close classification is preferd  
See also 362 Hospitals, asylums, etc; 365 Prisons
- 97 Cottage systems

648 Sanitary precautions: laundry, cleaning

- .1 Laundry Washing  
Private, cooperativ, public. For other processes of clothes cleaning see 646.6  
Dry cleaning. For sanitary precautions see 648.5-.6; for pests see 648.7
- .11 Administration Accounts
- .12 Marking
- .14 Equipment  
Collectiv: specifications and cost. Class specific appliances with processes to which they belong
- .15 Hand equipment
- .16 Power “
- .18 Supplies  
Soap, starch, bluing, powders, reagents
- .2 Washing  
Requirements of temperature, ingredients, etc. for different materials Wash-ing directions
- .22 Washing by hand
- .23 “ machine
- .25 Starching
- .27 Bluing Tinting
- .3 Drying Driers Extractors Wringers  
Confined or open air Temperature Effect on dyes of freezing, etc.
- .4 Ironing
- .42 By hand Sad irons  
Electric and gas heated irons, etc.
- .43 By machine Collar and shirt machines, fluting irons, etc.
- .45 Power machinery Mangle

DOMESTIC ECONOMY

648.5 **Cleaning and sanitation of house or bilding**

See for sanitary engineering 628; for plumbing 696; for dry cleaning 646.6; for chimney sweeping 644.2

.52 **Sweeping and dusting**

Floors, walls, moldings, furniture; implements, vacuum cleaners, etc.

.54 **Washing**

Porcelain, glass, windows, mirrors, paint, including table ware, bricabrac and fixtures. For washing textils see 648.2

.55 **Polishing**

Silver, knobs, scutcheons, pipes and other metals

.6 **Disinfecting**

Waste pipes, traps, etc. Household disinfectants. See also 649.8 Care of sickroom; and public helth, 614.48 Disinfecting apparatus

.7 **Pests; traps, poisons**

649 **Nursery Sickroom**

This provides for persons requiring special adjustment of household administration: children and invalids

.1 **Care of children**

See also 136.7 Child study; 173.5 Duties of parents

.2 **Rooms Nursery**

.3 **Food**

See also 613.22 Diet of infants; 641.5 Cookery for children

.4 **Clothing and care of body**

See also 646.36 Childrens clothing, outfit and making; 646.4 Clothing for various purposes; 613.4 Hygiene of bathing and clothing

.5 **Exercise Recreation**

See also 613.7 Hygiene of recreation; 790 Amusements

.55 **Amusements: toys, dolls, games**

.6 **Manners Habits**

See also 173.6 Duties of children

.7

.8 **Care of invalids and the infirm Sickroom**

- 650 Communication Commerce**
- 651 Offis equipment and methods
- 652 Writing; material, typewriters, cipher
- 653 Abbreviations Shorthand
- .01 Theories Available material Shading Position Detacht vowels
- .02 Practicability for general use Teaching in public schools  
For methods see 653.07
- .03 Speed See also 653.046, Verbatim reporting
- .04 Applications
- .041 Personal notes and records
- .042 Correspondence
- .043 Amanuensis work
- .044 Newspaper work
- .045 Shorthand job offices
- .046 Official reporting, court and legislativ
- .047
- .05 Periodicals If strictly limited to one system, class with that system
- .06 Societies " " " "
- .07 Education Shorthand schools Teaching, privately or in classes
- .08
- .09 History Divided by countries like 930-990
- .1 Abbreviations Omissions of silent letters, vowels, etc.  
Covers desirability, dangers, lists, and all general matter about use of recognized abbreviations. See also 421.4 Phonetic spelling; 421.8 Abbreviations
- .2 Abbreviation systems  
Brief longhand. Fonoscribing, etc. For telegraphic codes, see 652  
Covers only systems of quick writing with common characters.
- .3 Stenografies  
Includes both discussions and systems with arbitrary signs and new characters
- .31 Before 1837
- .32 Gurney
- .33 Gabelsberger
- .34 Stolze (Dettmann)
- .35 Taylor (Baker; Harding; Odell)
- .36 Cross
- .37 Scovil
- .38 Duployé (Pernin, Sloan)
- .4 Phonetic shorthand Phonografies  
Limited to phonetic stenografy, i. e. brief sound writing. .5 and .6 include only systems using Izaac Pitman's consonants
- .41 Before Pitman (1837)
- .42 Bell
- .43 Jones
- .44 Williams
- .45

**653.5 Pitman old vowel scale systems**

- .51 Benn Pitman
- .52 Graham
- .53 Scott-Brown
- .54 Marsh
- .55 Thornton
- .56 Haven
- .57 Allen
- .58

**.6 Pitman new vowel scale systems**

- .61 Izaac Pitman
- .62 Munson
- .63 Longley
- .64 Burnz
- .65

**.7 Connected vowel systems**

- .71 Lindsley's takigrafy
- .72 Everett
- .73 Barrows
- .74 Bishop
- .8

**.9 Foren systems** Divided by languages like 400

The heds above are for English systems or (as in 653.3) foren systems adapted to and used for English. Other systems are group here by languages, but history of shorthand in special countries is in 653.09

**654 Telegraf Cables Signals** For codes see 652

- .1 **Telegrafic instruments**
- .2 **Duplex, quadruplex, multiplex telegrafs, etc.**
- .3 **Printing, perforating, dial telegrafs, etc.**
- .4 **Telegrafic construction; poles, wires, condits, etc.**
- .5 **Cables Submarine**
- .6 **Telefones**
- .7 **Alarms; burglar, fire Annunciators, bells**
- .8 **Speaking tubes Pneumatic tubes**
- .9 **Signals** See also 534.83 Navigation signals; 623.7 Military signals

**655 Printing Publishing Copyright**

- .1 **History of printing**
- .11 **Origin, invention**
- .111 **Claims of Gutenberg, Mainz**
- .112 **Claims of Coster, Haarlem**
- .12 **Celebrations, anniversaries**
- .121 **1640**
- .122 **1740**
- .123 **1823**
- .124 **1840**
- .13-.19 **Printing in special countries** Divided like 930-999

DECIMAL CLASSIFICATION

- 655.2 **Type and typesetting**
- .21 Type founding Tools of the art
  - .22 Electro and stereotyping, etc. Patent blocks  
For Photoelectrotyping, see 777
  - .23 Patent types, logotypes, etc.
  - .24 Faces, sizes, styles Specimen books
  - .25 Typesetting: composition, proofreading  
Artistic composition: taste, display, job work
  - .26
  - .27 Imposition Locking up, etc.
  - .28 Typesetting and distributing machines Linotype,  
monotype
  - .3 **Practical printing** For Calico printing see 667.3
  - .31 Printing presses
  - .32 Press work: making ready Colors Cuts
  - .33 Drying: hydraulic pressing, etc.
  - .34
  - .35 Stamps, stencils, etc.
  - .36 Machines: paging, numbering, addressing, etc.  
See also 654.3 Printing telegraphs; 652 Typewriters
  - .37 Nature printing From plants, etc.
  - .38 Printing for blind See also 371.91 Education of blind
  - .4 **History of publishing and bookselling**  
Divided by countries like 930-999
  - .5 **Publishing and bookselling**
  - .51 Selection of mss  
For freedom of press vs censorship, see 323; Morals of press 179.1
  - .52 Relations to authors  
Copyright payments, prices of mss bought
  - .53 Size, paper, type, illustrations, binding
  - .54 Cost of manufacture  
Retail prices and discounts to dealers
  - .55 Advertising, press copies and notices See 659.1 Advertising
  - .56 Retail bookselling Prices and discounts to buyers
  - .57 Subscription book publishing, canvassing
  - .58 Publishing societies
  - .59 Publishing by governments, institutions, etc.
  - .6 **Copyright Literary property**
  - .61 Perpetual or common law right  
Including ethics of copyright
  - .62 Copyright in other matter than books  
Music, mss, lectures, trademarks
  - .63 International copyright  
See also 341.5 International private law
  - .64-.69 Copyright in special countries  
Divided like 940-999
  - 656 Transportation: railroading, etc.
  - 657 Bookkeeping Accounts
  - 658 Business manuals Methods Tables
  - 659 Other topics
  - .1 Advertising

660 **Chemic technology**

- .1  
 .5 Periodicals  
 of chemic technology
- .2 Compendis
- .3 Dictionaries, cyclopedias
- .4 Essays
- .6 Societies
- .7 Study and teaching
- .8
- .9 History

661 **Chemicals**

- .1 **Chemic elements** Divided like 546
- .2 **Acids: sulfuric, nitric, etc.**
- .3 **Alkalies: potash, soda, ammonia**
- .4 **Salts** For common salt see 664.4
- .5 Ammonia salts
- .6 Sulfates and nitrates
- .7 Cyanids
- .8

662 **Pyrotechnics Explosivs, matches, etc.**

- .1 **Pyrotechnics**
- .2 **Explosivs** See 622.23 Blasting; 623.4 Ordnance
- .3 Gunpowder
- .4 Fuses, percussion caps
- .5 **Matches**
- .6 **Fuel: coal, peat, natural gas, etc.**
- .7 Charcoal, coke See also 644 Domestic economy 669.8 Metallurgy
- .8 Artificial fuel See also 644 Domestic economy 669.8 Metallurgy
- .9

663 **Beverages** See also 178 Temperance 614.35 Adulterations

- .1 **Fermented**
- .2 Wine
- .3 Brewd
- .4 Beer
- .5 **Distild**
- .6 **Artificial mineral waters: soda water**
- .7
- .8 **Mixing drinks** Barkeepers manuals
- .9 **Chocolate, coco** Commercial mixing of teas, coffees, etc.

664 **Foods**

For Adulterations see 614.31 Public helth. See also 641 and 643 Domestic economy

- .1 **Sugar, molasses, glucose, etc.**
- .2 **Starch, tapioca, sago, etc.**
- .3 **Artificial butter, oleomargarin** Lard, compound lard  
 For butter, milk, and cheese see 637 Dairy
- .4 **Salt**
- .5 **Spices** Condiments
- .6 **Yeast** Baking powder  
 For bréd see 641 Cookery
- .7
- .8 **Methods of preservation: fruits and vegetables**
- .9 Preservation of meat and fish

## 665 Oils Gases Candles Lamps

- .1 Candles Torches
- .2 Animal oils and fats See also 664.3 Foods
- .3 Vegetable oils and fats
- .4 Mineral oils: paraffin, ozocerite, asphaltum
- .5 Petroleum, kerosene
- .6 Lamps See also 644.32 Domestic economy
- .7 Illuminating gases Calcium light
- .8 Other gases

## 666 Ceramics Glass, etc.

- .1 Glass See also 748 Stained glass
- .2 Enamel
- .3 Ceramics See also 738 Pottery, porcelain
- .4 Clay See also 553.61 Economic geology
- .5 Porcelain
- .6 Stoneware, earthenware, pottery
- .7 Bricks Tiles See also 691.4 Building materials; 695.3 Roofing
- .8 Artificial stone See also 691.3 Building materials
- .9 Cements Limes Mortars See also 691.5 Building materials

## 667 Bleaching, dyeing, etc.

- .1 Bleaching
- .2 Dyeing Artificial colors Silk and wool
- .3 Cotton dyeing and calico printing
- .4 Inks: writing inks, indelible inks
- .5 Printing inks
- .6 Paints and pigments See also 698.1 House painting; 751 Fine arts
- .7 Varnishes Polish Lacker See also 698.3 Varnishing
- .8 Japan Blacking

## 668 Other organic chemie industries

- .1 Soap
- .2 Glycerin
- .3 Glue
- .4 Gums and resins
- .5 Essences, perfumery, essential oils and ethers, etc.  
See also 646 Toilet
- .6 Fertilizers See also 631 Agriculture
- .7 Distillation: coal tar, etc.

## 669 Metallurgy and assaying

- History of metals goes here, not in 553, 622, nor 671
- .1 Iron and steel
- .2 Gold and silver
- .3 Copper
- .4 Led
- .5 Zinc
- .6 Tin
- .7 Mercury and other metals
- .8 Fuels and furnaces Slags



## 670 Manufactures

Specific topics go where of most interest. These heads are for the *general* subject of metal, wood, etc. manufactures, and for such specific manufactures as are not of more interest elsewhere. But an account of a specific manufacture is commonly most useful with its own subject; e. g., a steam engine is certainly made of metal, but its manufacture should go under 621.1, not 672. The character of the library often decides the place of greatest interest. An agricultural library would prefer the manufacture and everything about wood churns with the dairy, 637, while a manufacturing library might prefer it with other wood manufactures in 674. A general library will incline to the special subject, as a more minute classification is thus obtained, and references under 670 answer inquiries for all the library has on the subject of brass or rubber or paper manufactures. Whether grouped by use or material, if sought from the other standpoint, the references show the resources promptly. As a rule the use is the better classification, being more minute and oftener wanted. But if the uses are various the general head is better; e. g. bells are for scores of distinct uses, but their manufacture is a unit; but all churns are for the dairy

- 671 Articles made of metals  
 672 Of iron and steel; stoves, cutlery, etc.  
 673 Of brass and bronze; bells, etc. See also 739  
 674 Lumber and articles made of wood  
 675 Leather " " " " leather  
 676 Paper " " " " paper  
 677 Cotton, wool, silk linen, etc.  
 678 Rubber and articles made of rubber  
 679 Celluloid and other

## 680 Mechanic trades Amateur manuals

- 681 Watch and instrument making  
Catalogs of miscellaneous instruments. Class special instruments with their subjects.  
 682 Blacksmithing  
 .1 Horseshoeing  
 683 Lock and gun making  
 684 Carriage and cabinet making  
Furniture. See also 749 Artistic furniture; 694.7 Fine joinery, interior finish.  
 Highway vehicles for separate tractors, either animal or motor. For motor vehicles see 620.2  
 685 Saddlery and shoemaking Trunks  
 686 Bookbinding  
 687 Clothesmaking Hats  
 688  
 689 Other trades

**690 Buildings**

For Architectural construction, see 721

- .1 Theories of construction .2 Compendis, manuals .3 Dictionaries, cyclopedias  
 .4 Essays, lectures .5 Periodicals .6 Societies, exhibitions  
 .7 Education, study, training, apprenticeship, tools and their use (for use of special tools see special trade) .8 Collections, patents, inventions  
 .9 History of building construction

**691 Material Processes Preservatives**

Waterproofing See also 620.1 Strength of materials

- .1 Wood Creosoting, etc.  
 .2 Natural stone Paraffining, etc.  
 .3 Artificial stone Concrete  
 .4 Bricks Tiles Other ceramic products  
 .5 Lime Cement Plaster  
 .6 Glass  
 .7 Iron Steel Antirust processes  
 .8 Other metals  
 .9 Other materials

**692 Plans Specifications, etc.**

- .1 General drawings  
 .2 Detail drawings  
 .3 Specifications  
 .4 Contracts Agreements Bids Advertisements  
 .5 Estimates Quantities Costs  
 .6 Superintendence  
 .7 Supervision of accounts  
 .8 Professional services Fees Commissions  
 .9 Building laws Liabilities of architects, owners, and contractors

**693 Masonry Plastering Fireproofing**

- .1 Stone construction  
 .11 Bonds of stone work  
 .12 Cutting and dressing of stone  
     See 515.8 Stereotomy; 736 Stone-carving  
 .2 Brick construction  
 .21 Bonds of brick work  
 .22 Adobe or sundried brick, etc.  
 .3 Terra cotta construction Tile  
 .4 Hollow tile and porous terra cotta construction  
 .5 Concrete and beton construction  
 .6 Plastering  
 .61 External plastering and stucco  
 .62 Internal plastering  
 .63 Ornamental plaster work  
 .64 Scagliola  
 .65 Wooden lath  
 .66 Metal lath (Wire, etc.)  
 .67 Mineral wool linings, etc.  
 .7  
 .8 Fireproofing  
 .9

- 694 Carpentry: joinery, stairbiling
- .1 Wood construction; general
  - .2 Joints of woodwork Framing
  - .3 Strengthend beams
  - .4 Posts Columns See also 721.31
  - .5 Paneld and lattist construction
  - .6 Joinery, general For Finishing, varnish, polish, etc. see 698.3
  - .7 Ornamental joinery Cabinet work  
For cabinetmaking see 684
  - .8 Stairbiling See also 515.83 Stereotomy
  - .9 Other branches See also 721.87-.89
- 695 Roofing: slating, tiling For roof construction see 721.4
- .1 Shingle
  - .2 Slate
  - .3 Tile
  - .4 Metal: tin, copper, led, zinc  
Iron
  - .6 Asphalt Tar Concrete (Melted)
  - .7 Felt Asbestos Paper (In rolls)
  - .8 Textil: duck, canvas
  - .9 Thatch and other coverings
- 696 Plumbing Gas and steam fitting, etc.
- .1 Plumbing For principles of sanitation see 628
  - .2 Gasfitting
  - .3 Steamfitting
  - .4 Rivets and riveted joints
  - .5 Screws and screw joints
  - .6 Rust or calkt joints
  - .7 Anchors Band irons
  - .8 Other branches
  - .9 Plumbing laws See also 614 Public helth
- 697 Heating and ventilation  
See also sanitary engineering, 628.8; domestic economy, 644
- .1 Fireplaces
  - .2 Stoves
  - .3 Furnaces
  - .4 Hot water, high and low pressure
  - .5 Steam, high and low pressure  
For boilers, see 621.184; for power plants, see 621.19
  - .6 Gas: coal gas, water gas, natural gas
  - .7 Electric and other methods
  - .8 Smoke flues and chimneys
  - .9 Ventilation: air ducts, condits, fans

DECIMAL CLASSIFICATION

698 Painting Glazing Paperhanging

- .1 **Painting Oil**
- .2 Distemper and fresco
- .3 Varnishing Polishing
- .4 Other modes of protection
- .5 **Glazing** For Stained glass see 748
- .6 **Paperhanging**
- .7 **Textil hangings: tapestry**  
For tapestry design, see 745
- .8 **Relief work: lincrusta, stamped leather, etc.**
- .9 **Other branches**

699 Carbuilding

Railway and tramway cars, with or without motors For highway cars see 629.2

# Fine Arts

## 700 Fine arts

- 701 Philosophy: theories, utility, esthetics
- 702 Compends, outlines
- 703 Dictionaries, cyclopedias
- 704 Essays, lectures, addresses
- 705 Periodicals, magazines, reviews
- 706 Societies: transactions, reports, etc.
- 707 Education: study and teaching of art
- 708 Art galleries and museums
  - .1 American: Corcoran, Metropolitan, Boston
  - .2 English: National, Hampton Court, Windsor
  - .3 German: Dresden, Munich, Berlin, Vienna
  - .4 French: Louvre, Luxembourg
  - .5 Italian: Vatican, Sistine, Pitti, Medici, Borbonico
  - .6 Spanish: Madrid, Seville
  - .7 Russian: St Petersburg, Hermitage
  - .8 Scandinavian: Copenhagen
  - .9 Other countries
- 709 History of art in general Divided like 930-999

## 710 Landscape gardening

Town and city planning      For special cities see 914-919

- 711 Public parks
- 712 Private grounds, lawns
- 713 Walks Drives
- 714 Water: fountains, lakes
- 715 Trees Hedges Shrubs
  - See also 634.9 Forestry; 582 Botany
- 716 Plants Flowers
  - .1 Plants    .2 Flowers    .3 Conservatories    .4 Window gardens    .5 Ferneries
- 717 Arbors Seats Outlooks
- 718 Monuments Mausoleums
- 719 Cemeteries See also 393.1 Earth burial; 614.61 Public health

## 720 Architecture

.1 Theories, esthetics, architectonics .2 Compendis, manuals .3 Dictionaries, cyclopedias .4 Essays, lectures .5 Periodicals .6 Societies .7 Education, study, training, schools of architecture .8 Polygraphy. collections .9 General history of architecture, divided geografically like 940-999

## 721 Architectural construction

- .1 Foundations See also bridge engineering, 624. 1 Foundations
- .11 Foundation bed Nature of soil Load on foundation  
Trial borings. Rock, sand, gravel, peat, quicksand
- .12 Excavation: timbering, shoring
- .13 Material for bilding foundations  
Divided like 620. 1
- .132 Wood
- .133 Stone, cement, concrete
  - 2 Stone, dimension or rubble
  - 5 Cement
  - 6 Concrete
- .134 Brick
- .14 Pile foundations: general Material
- .141 Sand piles
- .142 Wood or timber piles
- .143 Concrete piles
- .147 Iron piles
- .15 Pile foundations: method of sinking
- .151 Piledriver
- .152 Screw pile Boring anchor
- .153 Disk pile
- .154 Hydraulic pile
- .155 Pneumatic pile
- .16 Platform and other special foundations
- .162 Timber platforms or gratings: plank foundations
- .163 Concrete platforms
- .164 Iron and concrete: reinforced concrete platforms
- .165 Masonry platforms
- .166 Concrete legs or stilts
- .167 Cantilever foundations
- .17 Subaqueous foundations
- .171 Cofferdams
- .172 Open crib or caisson Cylinder foundations
- .173 Pneumatic caisson
- .174 Freezing
- .175 Pneumatic forcing
- .176 Sunken wells: dredging thru wells
- .177 Sunken tubes

- 721.2 Walls**
- .21 Wood and halftimberd
  - .22 Stone
  - .23 Artificial stone, concrete, pisé, etc.
  - .24 Brick
  - .25 Bases      Water tables      Belt courses
  - .26 Arcades      Colonnades
  - .27 Cornises
  - .28 Gables and pediments      See also 721.58 Gable roofs
  - .29 Other walls
- .3 Piers      Columns**
- .31 Wood      See also Carpentry 694.4
  - .32 Stone
  - .33 Concrete, artificial stone
  - .34 Brick, terra cotta
  - .35 Iron, steel
  - .36 Fireproof      Protected
- .4 Archt constructions**  
See 624.6 Archt bridges; and 729.33 and 729.37 Elementary forms
- .41 Arches, circular
  - .42 Arches, other forms
  - .43 Vaults, cylindric
  - .44 Vaults, grind
  - .45 Vaults, other forms
  - .46 Domes, circular
  - .47 Domes, other forms
- .5 Roofs**      See also 695 Roof coverings; 624.9 Engineering, roofs; 729.35 Roof design
- .51 Wood
  - .52 Masonry
  - .53 Glass
  - .54 Metallic
  - .55 Windows      Openings in roofs
  - .56 Roof decoration: cresting, repoussé work, colored tiles, etc.  
See also 695.3
  - .57 Spires and domes
  - .58 Gables      See also 721.28 Gable walls
  - .59 Other forms of roofs
- .6 Floors and flooring**
- .61 Wood      Construction and coverings
  - .62 Stone      "      "
  - .63 Brick and hollow tile      "      "
  - .64 Metallic      Compound      "      "
  - .65 Composit      "      "
  - .66 Parquetry      Coverings only
  - .67 Mosaics      "      "
  - .68 Tiles      See 695.3 Roofing tile
  - .69 Other coverings

**721.7 Ceilings**

For vaulted ceilings, see 721.4 and 729.34

- .71 Wood
- .72 Stone
- .73 Brick or tiles with iron
- .74 Metallic
- .75 Concrete Plaster
- .76
- .77
- .78
- .79

**.8 Doors Gates Grilles Windows**

- .81 Doors, wooden
- .82 Doors, metallic
- .83 Doors, sash, lattis, screen, etc.
- .84 Windows, external
- .85 Windows, internal
- .86 Inclosures of doors and windows
  - Architraves Pilasters Jambs Pediments Lintels, etc.
- .87 Shutters Blinds Screens Grilles
- .88 Fastenings Locks
- .89 Other details

**.9 Iron and composit structures**

For strength of materials, see Engineering, 620.11

- .91 Cast iron
- .92 Wrought iron
- .93 Steel
- .94 Composit
  - .95 Iron and wood
  - .96 Iron and stone
  - .97 Iron and brick, tile, terra cotta Reinforced concrete
  - .98 Iron and glass
  - .99 Wood and glass

**722 Ancient and Oriental architecture (Pagan)**

See also 571.8 Prehistoric dwellings

- .1 Chinese Japanese
- .2 Egyptian
- .3 Phenician Tyrian Jewish Carthaginian Cypriote
- .4 Indian (Asiatic)
  - Hindu, Buddhist, Jaina, Himalayan, Dravidian, Chalukyan, Indo-Aryan, Burmese, Siamese, Cambodian
- .5 Chaldean Assyrian Babylonian Ancient Persian
  - Sassanian
- .6 Pelasgian Etruscan
- .7 Roman See 729.32 for Roman orders
- .8 Grecian See 729.32 for Greek orders
- .9 Other: Aztec, Peruvian, Maya, Yucatan, etc.



## 723 Medieval Christian Mohammedan

- .1 Early Christian
- .2 Byzantine Armenian Russian
- .3 Mohammedan: Saracenic, Moorish, Persian, Turkish,  
Indian For Ancient Indian see 722.4
- .4 Romanesque
  - .41 Scotch Irish
  - .42 English Saxon Norman
  - .43 German Austrian
  - .44 French Provençal Norman Angevin
  - .45 Italian Sicilian Norman
  - .46 Spanish Portuguese
  - .47
  - .48 Danish Swedish Norwegian
  - .49 Minor countries
- .5 Gothic or pointed Divided like 723.4

## 724 Modern

All the subsections of 724 are subdivided geografically like 940-999.

- .1 Renaissance
  - .19 Baroque Rococo
- .2 Grecian revival
- .3 Gothic revival
- .4 Victorian Gothic Tudor Elizabethan
- .5 Queen Anne
  - .59 Georgian
- .6 Néo-Grec
- .7 Swiss Timber
- .8 Romanesque revival
- .9 Other styles

## 725 Public bildings

- .1 Administrativ Governmental
  - .11 Capitols Houses of parliament
  - .12 Ministries of war, state, etc.
  - .13 City and town halls Bureaus Public offises
  - .14 Custom houses Bonded warehouses Excise offises
  - .15 Court houses Record offises
  - .16 Post offises, general and special
  - .17 Official residences Palaces of rulers
  - .18 Barracks Armories Police stations
  - See also 623.61 Military bildings
  - .19 Engin houses Fire alarm stations

DECIMAL CLASSIFICATION

**725.2 Business and commercial**

- .21 Stores, wholesale and retail
- .22 Mixt store, offis, and apartment bildings
- .23 Offis bildings: telegraf, insurance
- .24 Banks: safe deposit, savings
- .25 Exchanges      Boards of trade
- .26 Markets
- .27 Cattle markets      Stock yards
- .28 Abattoirs
- .29 Other business bildings

**.3 Transportation and storage**

- .31 Railway passenger stations
- .311 Small (country) stations
- .312 Large (city)      “
- .313 Union      “
- .314 Stations on 2 levels
- .315
- .316
- .317 Street-car stations
- .318 Elevated railway stations
- .319 Underground railway stations
- .32 Railway freight houses
- .33 Railway shops, roundhouses, car houses, tanks, stores
- .34 Dock bildings      Wharf boats and houses
- .35 Warehouses      Cold storage      Safe deposit storage
- .36 Elevators, grain
- .37
- .38 Garages      Livery stables  
For private stables and garages see 728.94
- .39 Other

**.4 Factories**

- .41 Textil factories or mills: wool, cotton, silk
- .42 Breweries      Malteries      Distilleries
- .43 Foundries      Machine shops      Iron and steel works
- .44 Woodworking mills      Furniture factories
- .45 Carriage and car factories
- .46 Paper mills
- .47 Mills for flour, meal, feed, etc.
- .48 Pottery, glass, terracotta, brick works
- .49 Other factories

## FINE ARTS

- 725.5 Hospitals and asylums**      See also 725.6 Reformatories
- .51 Sick and wounded      Eye and ear      Incurables      Lying-in
- .52 Insane
- .53 Idiiotic      Feeble-minded
- .54 Blind      Def and dum
- .55 Paupers      Almshouses
- .56 Aged
- .57 Children      Orphans
- .58 Foundling
- .59 Soldiers homes
- .6 Prisons and reformatories**
- .61 State prisons      Penitentiaries
- .62 Jails      Cell houses
- .63 Reformatories for adults      Houses of correction
- .64 Reform schools
- .65 Washingtonian homes      Inebriate asylums
- .66
- .7 Refreshment      Baths      Parks**
- .71 Cafés      Restaurants
- .72 Saloons
- .73 Baths: warm, medicated, turkish, russian
- .74 Swimming baths
- .75 Buildings for watering places, spas, etc.
- .76 Buildings for parks
- .8 Recreation**
- .81 Music halls
- .82 Theaters      Opera houses  
    Grand stands, stadiums
- .83 Halls for lectures, readings, etc.
- .84 Bowling alleys      Billiard saloons
- .85 Gymnasiums      Turn halls
- .86 Skating rinks      Bicycle rinks
- .87 Boat houses
- .88 Riding halls and schools
- .89 Shooting galleries
- .9 Other public buildings**
- .91 Exhibition halls
- .92 Temporary halls      Tabernacles      Wigwams
- .93 Workingmen's clubs and institutes
- .94

## 726 Ecclesiastic and religious

- .1 Temples
- .2 Mosques
- .3 Synagogs
- .4 Chapels      Sunday school bildings
- .5 Churches
- .6 Cathedrals
- .7 Monasteries      Convents      Abbeys
- .8 Mortuary: cemetery chapels, receiving vaults, tombs
- .9 Other: Y. M. C. A. etc.

## 727 Educational and scientific

- .1 Schools
  - Study and recitation rooms. Not including dormitory or boarding
- .2 Academies      Seminaries      Boarding schools
- .3 Colleges      Universities
- .4 Professional and technical schools: law, theology, etc.
- .5 Laboratories: physical, chemic      See 542.1      biologic, etc.
  - Zoologic and botanic gardens      See also 599.7 and 580.7
- .6 Museums      Herbariums      See 580.7
- .7 Art galleries      Studios
- .8 Libraries      See 022 Library bildings
- .9 Other: learned societies, etc.

## 728 Residences

- .1 Tenement houses
  - .11 City homes of poor
  - .12 Country      "
  - .13 Cités ouvrières
- .2 Apartment houses      Flats      Family hotels
- .3 City houses      Mansions      Palaces
  - .31 Between party walls      Stone
  - .32      "      "      Brick
  - .33      "      "      Partly wood
  - .34 Semidetacht, including end houses in city blocks      Stone
  - .35      "      "      "      Brick
  - .36      "      "      "      Partly wood
  - .37 Detacht      Stone
  - .38      "      Brick
  - .39      "      Partly wood
- .4 Club houses      Bildings for secret societies
- .5 Hotels      Inns
  - .51 City hotels
  - .52 Summer resorts
  - .53 Country inns

**728.6 Village and country homes**

- .61 Village dwellings; on small lots
- .62 Stone
- .63 Brick
- .64 Concrete or stucco
- .65 Part masonry, part wood
- .66 All wood
- .67 Farm houses
- .68 Laborers cottages
- .7 Seaside and mountain cottages      Chalets
- .8 Country seats
- .81 Castles
- .82 Chateaux
- .83 Manor houses
- .84 Villas
- .9 Outbuildings
- .91 Porters lodges
- .92 Servants quarters
- .93 Kitchens and laundries
- .94 Stables      Carriage houses      Garages  
See also 725.38 Public garages and livery stables
- .95 Barns      Granaries
- .96 Dairies
- .97 Ice houses
- .98 Conservatories      Greenhouses      Graperies
- .99 Other

**729 Architectural design and decoration**

For decorative illumination see 745

- .1 The elevation
- .11 Composition
- .12 Distribution
- .13 Proportion
- .14 Light and shade
- .15 Perspectiv effect
- .16
- .17
- .18
- .19

For projection of shadows and graphics of light and shadow see 515.63 and 515.7

- .2 The plan
- .21 Elements required
- .22 Distribution
- .23 Proportion

**729.3 Elementary forms**

For construction of these forms see 721

- .31 Walls Moldings Cornises
- .32 Piers, columns, pilasters, pedestals and the orders Colonnades
- .33 Arches and arcades
- .34 Vaults and domes
- .35 Roofs Spires Dormers
- .36 Towers
- .37 Gables and pediments
- .38 Doors and windows Bays Oriels
- .39 Stairs and balustrades

See also 515.83 Stereotomy; 694.8 Stairbuilding

**.4 Painted decoration**

See also 729.7 Mosaic

- .41 Vegetable forms
- .42 Animal forms
- .43 Grotesque forms
- .44 Conventional and geometric forms
- .45 Painted moldings
- .46 Painted friezes and panels
- .47 Painted columns and pilasters
- .48 Painted ceilings and vaults
- .49 Painted walls

**.5 Decoration in relief**

For bas relief and figure carving see 730

- .51 Vegetable forms
- .52 Animal forms
- .53 Grotesque forms
- .54 Conventional and geometric forms
- .55 Carvd moldings
- .56 Carvd friezes and panels
- .57 Carvd columns and pilasters
- .58 Carvd ceilings and vaults
- .59 Other carvd ornament

**.6 Incrustation and veneering**

- .61 Of external walls (in brick, stone, or marble, tiles, etc.)
- .62 Of interiors
- .63 Intarsia and inlay
- .64 Niellowork
- .65 Enamel decoration
- .66
- .67
- .68
- .69

**729.7 Mosaic**

- .71 Mosaic ceiling
- .72 Mosaic walls
- .73 Mosaic floors
- .74 Other mosaic designs
- .75
- .76
- .77
- .78
- .79

**.8 Stained glass design**

For technical processes see 666.1; for history see 748

- .81 Geometric windows
- .82 Medallion windows
- .83 Canopy windows
- .84 Figure windows
- .85 Mosaic windows
- .86 Other kinds of stained glass
- .87
- .88
- .89

**.9 Architectural accessories and fixt furniture**

- .91 Altars
- .92 Pulpits Tribunes
- .93 Dais Thrones
- .94 Buffets
- .95 Mantels Overmantels
- .96 Screens Rood screen Reredos
- .97
- .98
- .99

**730 Sculpture**

- 731 Materials and methods
- 732 Ancient
  - 733 Greek and Roman
- 734 Medieval
- 735 Modern
- 736 Carving Seals Dies Gems Cameos
- 737 Numismatics Coins Medals
- 738 Pottery Porcelain
- 739 Bronzes Brasses Bricabrac

**740 Drawing Decoration Design**

Arts and crafts

741 Freehand Crayon Sketching from nature  
Caricatures Cartoons

Collections on any subject go with that subject with reference from 741

742 Perspectiv See also 515.6

743 Art anatomy Life school

744 Mathematic and scientific drawing See 515745 Ornamental design: woven fabrics, carpets,  
wall paper, etc.

746 Art needlework Fancy work

747 Interior decoration Distemper Fresco  
Polychrome748 Stained and iridescent glass For leading, see 698.5

749 Artistic furniture Fireplaces Frames, etc.

**750 Painting**

751 Materials and methods

752 Color See also 535.6 Optics753 Epic Mythic Idealistic See 759.3 German school754 Genre Still life See 759.4 French; and 759.9 Belgian755 Religious, ecclesiastic See 759.5 Italian; and 759.6 SpanishSee also 246 Ecclesiology

756 Historical, battle scenes

757 Portrait

758 Landscape and marine Animals Flowers

759 Various schools of painting

- .1 American
- .2 English
- .3 German
- .4 French
- .5 Italian
- .6 Spanish
- .7 Slavic
- .8 Scandinavian
- .9 Other schools



**760 Engraving**

- 761 Wood
- 762 Copper and steel
- 763 Lithography
- 764 Chromolithography
- 765 Line and stipple
- 766 Mezzotint and aquatint
- 767 Etching Dry point
- 768 Bank note and machine
- 769 Collections of engravings

**770 Photography**

- 771 Materials Photographic chemistry
- 772 Silver processes: daguerreotype, talbotype  
Collodion process: ambrotype, etc. Dry  
plate processes
- 773 Gelatin and pigment processes: woodbury-  
type Carbon process: lambertype, auto-  
type, etc.
- 774 Gelatin and printer's ink processes: alber-  
type, heliotype, artotype, etc.
- 775 Photolithography, etc.
- 776 Photozincography, etc.
- 777 Photoengraving and photoelectrotyping
- 778 Special applications  
Moving pictures. See also 522.63 Astronomy; 578 Microscopy
- 779 Collections of photographs

**780 Music**

- .1 Philosophy and esthetics of music    .2 Compendis    .3 Dictionaries    .4 Essays  
 .5 Periodicals    .6 Societies    .7 Education, conservatories    .8 Polygraphy,  
 libraries    .9 History, divided by countries, like 930-999  
 All heads include the music itself and everything about it: score, libretto, history,  
 criticism, etc.

**781 Theory of music**

- .1 **Mathematic and physical**  
 .2 **Elementary and general**  
 .3 **Harmony    Thorobass**  
 .4 **Counterpoint**  
 .5 **Musical form**  
 .6 **Composition and instrumentation**  
 .7 **Oriental theories and forms    Russian music**  
 .8 **Ancient Grecian theories, modes, and forms**  
 .9

**782 Dramatic music**

- .1 **Grand opera**  
 .2    Epic    Wagnerian  
 .3    Other German grand opera  
 .4    French grand opera  
 .5    Italian grand opera  
 .6 **Comic and satiric**  
 .7 **Opera bouffe**  
 .8 **Operettas and cantatas**    See 783.4  
 .9 **Pantomimes, masks, etc.**

**783 Sacred music**

See 245 Hymnology, sacred poetry, for hymns alone; if with tunes they go in 783.9;  
 786.8 Organ; 246.7-8 Evangelistic use and Eucharistic music; 264.2 Public worship

- .1 **Organ and orchestral    Accompaniment**  
 .2 **Cathedral services: masses, vespers, etc.**  
 .21    Mass    Communion services  
 .22    Common of the mass: kyrie, gloria in excelsis, credo,  
 benedictus, Agnus Dei  
 .23    Proper of the season: offertory, sequence, gradual, tract  
 .24    Choral servis: antiphonal, responsiv  
 .25    Plain song  
 .26    Litanies  
 .27    Lenten and penitential: Good Friday, reproaches  
 .28    Festival: Christmas, Easter, etc.  
 .29    Processional    Recessional

- 783.3 Oratorio      Passion music  
 .4 Anthem      Motet      Sacred cantata  
                 Polyphonic school, Palestrina. 16th century  
 .5 Chant: Gregorian, Anglican  
 .6 Chorale      Tune      Carol  
 .7 Evangelistic: mission, revival      Sunday school  
 .8 Choir: men and boys      Quartet      Chorus  
 .9 Congregational singing      Psalmody      Hymnody
- 784 Vocal music  
 .1 Glee      Madrigal      Round      Catch  
 .2 Aria      Cavatina      Recitative      e. g. in oratorio, mass, opera  
 .3 Ballad and song  
                 Romantic, idyllic, sentimental; e. g. modern German  
 .4 Popular ballads      Volkslied; e. g. Irish, Scotch, etc.  
 .5 Festival; e. g. sängerbund, eisteddfod      Competitiv  
 .6 College, society songs, and choruses  
 .7 Negro minstrelsy, plantation songs  
 .8 Collected songs  
 .81 Solos  
 .82 Duets  
 .83 Trios  
 .84 Quartets  
 .85 Other part songs  
 .86 Choruses  
 .87 Collections for male voices  
 .88 Collections for female voices  
 .89 Other special collections  
 .9 Vocal hygiene, culture, development, and methods      Tonic  
                 sol-fa
- 785 Orchestral music  
                 For dramatic orchestral music, see 782; sacred, 783.1  
 .1 Symphony  
                 Three or more movements; e. g. adagio, andante, allegro, allegretto, scherzo,  
                 finale, etc.  
 .2 Dramatic, illustrativ, descriptiv, program, imitativ  
                 e. g. Mendelssohn's Midsummer night's dream  
 .3 Romantic, idyllic  
 .4  
 .5 Overture: e. g. Beethoven's Leonores  
 .6 Concerto: orchestral with solo instrument  
 .7 Chamber music  
 .8 Suite  
 .9 Arrangements, transcriptions, potpourris

## 786 Piano and organ

- .1 Piano History
- .2 Manufacture Tuning Temperament
- .3 Instruction
- .4 Piano music General collections
  - For piano concerto, see 785.6
- .41 Sonata Sonatina Rondo
- .42 Fantasia Arabesque
- .43 Nocturne Meditation Romantic Descriptiv
  - Songs without words
- .44 March and march form Polonaise Polka Mazurka
- .45 Dance form: national, classic, idealized
- .46 Modern dance music Society, festiv
- .47 Etudes Artistic For études for instruction, see 786.3
- .48 Variations, transcriptions
- .49 Arrangements
  - Four hands and more; e. g. orchestral music arranged for piano
- .5 Organ History
- .6 Bilding
- .7 Instruction
- .8 Organ music See also 783 Sacred music
- .81 Sonata
- .82 Fugue
- .83 Preludes
- .84 Interludes
- .85 Postludes
- .86 Offertories
- .87 Voluntaries Improvisations
- .88 Organ and piano
- .89 Organ, piano, and orchestra
- .9 Cabinet organ Melodeon

## 787 String instruments

Including with each, history, manufacture, instruction, music, etc. Music for 2 instruments is put with the one most prominent in the composition

## Bowd

- .1 Violin
- .2 Viola
- .3 Violoncello
- .4 Double bass Contra bass
  - Plectral
- .5 Harp
- .6 Guitar Lute Mandolin, etc.
- .7 Banjo
- .8 Zither
- .9 Other stringd instruments Harpsichord

## 788 Wind instruments

Including with each, history, manufacture, instruction, music, etc.

## Brass

- .1 Trumpet: slide and valv
- .2 Trombone
- .3 Cornet
- .4 Horns and other brass wind instruments
- .41 French horn
- .42 Saxhorn
- .43 Saxophone
- .44 Euphonium
- .45 Ophicleide
- .46 Key bugle
- .47 Valv bugle
- .48 Bass Tuba and contrabass tuba Serpent
- .49 Other

## Wood: flute group

- .5 Flute Waldflute Piccolo Fife Flageolet

## Wood: reed group

- .6 Clarinet Bass clarinet Bassethorn
- .7 Oboe D'amore Da caccia Cor anglais
- .8 Bassoon Double bassoon Bombardon
- .9 Other reed wind instruments: bagpipe

## 789 Percussion and mechanical instruments

## Percussion

- .1 Drum
- .2 Cymbals
- .3 Triangle
- .4 Tambourine Castanets Bones
- .5 Bells: chimes, carillon
- .6 Other percussion instruments: xylofone

## Mechanical

- .7 Orchestrin
- .8 Music box
- .9 Other mechanical instruments

- 790 Amusements** For ethics of amusements, see 175
- 791 Public entertainment  
Concert, panorama, circus, menagerie, summer resort, garden, rink, museum,  
fair, festival
- 792 Theater Pantomime Opera  
See also 782 Dramatic music
- 793 Indoor amusements  
Private theatricals, tableaux, charades, dancing
- 794 Games of skill  
Chess, checkers, billiards, bowling, bagatel
- 795 Games of chance  
Cards, dice, backgammon, dominoes
- 796 Outdoor sports  
Children's sports, athletic sports, coasting, skating, cycling, quoits, archery,  
croquet, lawn tennis
- 797 Boating and ball  
Rowing, yachting, baseball, football, cricket, polo
- 798 Horsemanship and racing
- 799 Fishing, hunting, target shooting

# Literature

The classification, of literature is by *language*, not country, except that North and South American are separated from other English. Canadian French goes with 840; Australian and Indian English with 820; South American Spanish with 860, etc. Numbers assign to individual authors include only their *literary* works of that section

and complete works which can not be divided. Books on other subjects go with their proper subjects, unless a 'special library' attracts all the authors' works, lives, etc. An author writing in 2 periods has all his books put in the one where most of them belong.

## 800 Literature: general works

801 Philosophy Theories Literary esthetics

802 Compends, outlines

803 Dictionaries, cyclopedias

804 Essays, lectures, addresses

805 Periodicals, magazines, reviews, *Debating*

806 Societies: transactions, reports, etc.

807 Study and teaching of literature

808 Rhetoric Treatises Collections

Divided .1 Poetry .2 Drama .3 Fiction .4 Essays .5 Oratory, see also 784.9 Vocal culture .6 Letters, epistolografy .7 Satire, humor .8 Collections: too general to go with any one language, e. g. a book of quotations from many languages

These heds, and the same under 809, include only works about poetry, etc. regardless of language

809 History of literature in general

Including general histories of books and knowledge; e. g. Hallam's *Literature of middle ages*

Divided like 808 .1 Poetry .2 Drama .3 Fiction, etc.

*Read few more*

*806.1. Technical*

**810 American literature** Includes Canadian English

- .1 Philosophy .2 Compendis .3 Dictionaries .4 Essays on American literature  
 .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History of  
 American literature

**811 American poetry**

- .02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
 .06 Descriptive .07 Satiric and humorous .08 Collections .09 History of  
 American poetry

**.1 Colonial 1607-1776**

- .11 Sandys, George 1577-1644  
 .12 Bradstreet, Anne 1612-72  
 .13 Wigglesworth, Michael 1631-1705  
 .14 Green, Joseph 1706-80  
 .15 Livingston, William 1723-90  
 .16 Ferguson, Elizabeth 1739-1801

**.2 Post-revolutionary 1776-1830**

- .21 Trumbull, John 1750-1831  
 .22 Dwight, Timothy 1752-1817  
 .23 Barlow, Joel 1755-1812  
 .24 Freneau, Philip 1752-1832  
 .25 Alsop, Richard 1761-1841  
 .26 Pierpont, John 1785-1866  
 .27 Dana, Richard Henry 1787-1879  
 .28 Sprague, Charles 1791-1875  
 .29 Minor poets

**.3 Middle 19th century 1830-61**

- .31 Halleck, Fitz-Greene 1790-1867  
 .32 Poe, Edgar Allan 1809-49  
 .33 Bryant, William Cullen 1794-1878  
 .34 Longfellow, Henry Wadsworth 1807-82  
 .35 Read, Thomas Buchanan 1822-72  
 .36 Whittier, John Greenleaf 1807-92  
 .37 Lowell, James Russell 1819-91  
 .38 Whitman, Walt 1819-92  
 .39

**.4 Later 19th century 1861-1900**

- .41 Stoddard, Richard Henry 1825-1903  
 .42 Hayne, Paul Hamilton 1831-86  
 .43 Stedman, Edmund Clarence 1833-1908  
 .44 Winter, William 1836-  
 .45 Miller, Cincinnatus Hiner (Joaquin) 1841-1913  
 .46 Taylor, Bayard 1825-78  
 .47  
 .48

-49

-49

-49

**.5 Early 20th century 1901-**



## 812 American drama

- |     |                                     |           |
|-----|-------------------------------------|-----------|
| .1  | <b>Colonial 1607-1776</b>           |           |
| .11 | Warren, Mercy                       | 1728-1814 |
| .12 | Godfrey, Thomas                     | 1736-63   |
| .13 |                                     |           |
| .2  | <b>Post-revolutionary 1776-1830</b> |           |
| .21 | Tyler, Royall                       | 1757-1826 |
| .22 | Dunlap, William                     | 1766-1839 |
| .23 | Hillhouse, James Abraham            | 1789-1841 |
| .24 | Ingersoll, Charles Jared            | 1782-1862 |
| .25 |                                     |           |
| .3  | <b>Middle 19th century 1830-61</b>  |           |
| .31 | Ritchie, Anna Cora Mowatt           | 1818-70   |
| .32 | Mathews, Cornelius                  | 1817-89   |
| .33 | Boker, George Henry                 | 1823-90   |
| .34 |                                     |           |
| .4  | <b>Later 19th century 1861-1900</b> |           |
| .41 |                                     |           |
| .5  | <b>Early 20th century 1901-</b>     |           |

## 813 American fiction

- |     |                                     |           |
|-----|-------------------------------------|-----------|
| .1  | <b>Colonial 1607-1776</b>           |           |
| .2  | <b>Post-revolutionary 1776-1830</b> |           |
| .21 | Brackenridge, Hugh Henry            | 1748-1816 |
| .22 | Rowson, Susanna                     | 1762-1824 |
| .23 | Brown, Charles Brockden             | 1771-1810 |
| .24 | <b>Cooper, James Fenimore</b>       | 1789-1851 |
| .25 | Ware, William                       | 1797-1852 |
| .26 | Neal, John                          | 1793-1876 |
| .27 |                                     |           |
| .28 |                                     |           |
| .29 |                                     |           |
| .3  | <b>Middle 19th century 1830-61</b>  |           |
| .31 | Thompson, Daniel Pierce             | 1795-1868 |
| .32 | Kennedy, John Pendleton             | 1795-1870 |
| .33 | <b>Hawthorne, Nathaniel</b>         | 1804-64   |
| .34 | Judd, Sylvester                     | 1813-53   |
| .35 | Simms, William Gilmore              | 1806-70   |
| .36 | Melville, Herman                    | 1819-91   |
| .37 | Stowe, Harriet Beecher              | 1812-96   |
| .38 |                                     |           |
| .39 |                                     |           |
| .4  | <b>Later 19th century 1861-1900</b> |           |
| .41 | Alcott, Louisa May                  | 1832-88   |
| .42 | Eggleston, Edward                   | 1837-1902 |
| .43 | Howells, William Dean               | 1837-     |
| .44 | Aldrich, Thomas Bailey              | 1836-1907 |
| .45 | Harte, Francis Bret                 | 1839-1902 |
| .46 | James, Henry                        | 1843-     |
| .47 | Hawthorne, Julian                   | 1846-     |
| .48 | Burnett, Frances Hodgson            | 1849-     |
| .49 | Minor novelists                     |           |
| .5  | <b>Early 20th century 1901-</b>     |           |

- 814 American essays
- |     |                              |           |
|-----|------------------------------|-----------|
| .1  | Colonial 1607-1776           |           |
| .2  | Post-revolutionary 1776-1830 |           |
| .21 | Rush, Benjamin               | 1745-1813 |
| .22 | Webster, Noah                | 1758-1843 |
| .23 | Channing, William Ellery     | 1780-1842 |
| .3  | Middle 19th century 1830-61  |           |
| .31 | Ossoli, Margaret Fuller      | 1810-50   |
| .32 | Giles, Henry                 | 1809-82   |
| .33 | Tuckerman, Henry Theodore    | 1813-71   |
| .34 | Holland, Josiah Gilbert      | 1819-81   |
| .35 | Whipple, Edwin Percy         | 1819-86   |
| .36 | Emerson, Ralph Waldo         | 1803-82   |
| .37 | Curtis, George William       | 1824-92   |
| .4  | Later 19th century 1861-1900 |           |
| .41 | Burroughs, John              | 1837-     |
| .42 |                              |           |
| .43 |                              |           |
| .44 |                              |           |
| .5  | Early 20th century 1901-     |           |
- 815 American oratory
- |     |                              |           |
|-----|------------------------------|-----------|
| .1  | Colonial 1607-1776           |           |
| .11 |                              |           |
| .12 |                              |           |
| .2  | Post-revolutionary 1776-1830 |           |
| .21 | Hamilton, Alexander          | 1757-1804 |
| .22 | Ames, Fisher                 | 1758-1808 |
| .23 | Wirt, William                | 1772-1834 |
| .24 | Randolph, John               | 1773-1833 |
| .25 | Clay, Henry                  | 1777-1852 |
| .26 | Calhoun, John Caldwell       | 1782-1850 |
| .27 | Webster, Daniel              | 1782-1852 |
| .28 |                              |           |
| .29 |                              |           |
| .3  | Middle 19th century 1830-61  |           |
| .31 | Everett, Edward              | 1794-1865 |
| .32 | Choate, Rufus                | 1799-1859 |
| .33 | Sumner, Charles              | 1811-74   |
| .34 | Phillips, Wendell            | 1811-84   |
| .35 | Chapin, Edwin Hubbell        | 1814-80   |
| .36 | Beecher, Henry Ward          | 1813-87   |
| .4  | Later 19th century 1861-1900 |           |
| .41 |                              |           |
| .42 |                              |           |
| .43 |                              |           |
| .5  | Early 20th century 1901-     |           |
- 816 American letters Subdivided by periods, like 811

## 817 American satire and humor

- .1 Colonial 1607-1776**
- .11 Ward, Nathaniel 1570-1653  
 .12 Alsop, George 1638- ?  
 .13 Byles, Mather 1706-88  
 .14 Hopkinson, Francis 1737-91  
 .15 Peters, Samuel Andrew 1735-1826
- .2 Post-revolutionary 1776-1830**
- .21 Story, Isaac 1774-1803  
 .22 Fessenden, Thomas Green 1771-1837  
 .23 Paulding, James Kirke 1779-1860  
 .24 Irving, Washington 1783-1859  
 .25 Verplanck, Gulian Crommelin 1786-1870  
 .26  
 .27
- .3 Middle 19th century 1830-61**
- .31 Neal, Joseph Clay 1807-47  
 .32 Holmes, Oliver Wendell 1809-94  
 .33 Shelton, Frederick William 1814-81  
 .34 Shillaber, B P (Mrs Partington) 1814-90  
 .35 Saxe, John Godfrey 1816-87  
 .36 Cozzens, Frederick Swartout 1818-69  
 .37 Browne, C: F (Artemus Ward) 1834-67  
 .38 Haliburton, Thomas Chandler 1796-1865  
 .39 Minor satirists and humorists
- .4 Later 19th century 1861-1900**
- .41 Warner, Charles Dudley 1829-1900  
 .42 Locke, David Ross (P V Nasby) 1833-88  
 .43 Burdette, Robert J 1844-1914  
 .44 Clemens, S: L (Mark Twain) 1835-1910  
 .45 Carleton, William 1845-1912  
 .46 Shaw, Henry W (Josh Billings) 1818-85  
 .47
- .5 Early 20th century 1901-**

## 818 American miscellany

- .3 Middle 19th century 1830-61**
- .31 Thoreau, Henry David 1817-62  
 .32 Mitchell, Donald Grant (Ik Marvel) 1822-1908
- .4 Later 19th century 1861-1900**
- .5 Early 20th century 1901-**

## 820 English literature

820.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays on English literature  
 .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History

## 821 English poetry

.01 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
 .06 Descriptive .07 Satiric and humorous .08 Collections .09 History of  
 English poetry

- .1 Early English 1066-1400**
- .11 Layamon 1150-1207  
 .12 Ormin 1187-1237  
 .13 Robert of Gloucester 1245-1307  
 .14 Minot, Lawrence 1313-52  
 .15 Langland, William 1332-99  
 .16 Barbour, John 1316-95  
 .17 Chaucer, Geoffrey 1340-1400  
 .18 Gower, John 1325-1408  
 .19 Minor writers
- .2 Pre-Elizabethan 1400-1558**
- .21 Lydgate, John 1369-1461  
 .22 Skelton, John 1460-1529  
 .23 Dunbar, William 1460-1520  
 .24 Douglas, Gavin 1474-1522  
 .25 Hawes, Stephen 1483-1509  
 .26 Lyndsay, Sir David 1490-1555  
 .27 Wyatt, Sir Thomas 1503-42  
 .28 Surrey, Henry Howard, earl of 1517-47  
 .29 Minor writers
- .3 Elizabethan 1558-1625**
- .31 Spenser, Edmund 1553-99  
 .32 Sidney, Sir Philip 1554-86  
 .33 Daniel, Samuel 1562-1619  
 .34 Drayton, Michael 1563-1631  
 .35 Davies, John 1569-1626  
 .36 Drummond, William 1585-1649  
 .37 Fletcher, Giles and Phineas 1585-1650  
 .38 Herbert, George 1593-1632  
 .39 Minor writers
- .4 Post-Elizabethan 1625-1702**
- .41 Suckling, Sir John 1609-42  
 .42 Crashaw, Richard 1616-50  
 .43 Herrick, Robert 1591-1674  
 .44 Waller, Edmund 1605-87  
 .45 Lovelace, Richard 1618-58  
 .46 Cowley, Abraham 1618-67  
 .47 Milton, John 1608-74  
 .48 Dryden, John 1631-1700  
 .49 Minor writers

## LITERATURE

- 821.5 Queen Anne** Early 18th century **1702-45**
- .51 Prior, Matthew 1664-1721
- .52 Parnell, Thomas 1679-1717
- .53 **Pope, Alexander** 1688-1744 See also 827.55
- .54 Ramsay, Allan 1686-1758
- .55 Young, Edward 1684-1765
- .56 Thomson, James 1700-48
- .57 Collins, William 1721-59
- .58 Shenstone, William 1714-63
- .59 Minor writers
- .6 Later 18th century** Pre-revolutionary **1745-1800**
- .61 Gray, Thomas 1716-71
- .62 Akenside, Mark 1721-70
- .63 Chatterton, Thomas 1752-70
- .64 Goldsmith, Oliver 1728-74  
See also 823.64 and 824.66
- .65 Cowper, William 1731-1800
- .66 Macpherson, James 1738-96
- .67 **Burns, Robert** 1759-96
- .68 White, Henry Kirke 1785-1806
- .69 Minor writers
- .7 Early 19th century** Post-revolutionary **1800-37**
- .71 Wordsworth, William 1770-1850
- .72 Coleridge, Samuel Taylor 1772-1834
- .73 Southey, Robert 1774-1843
- .74 Scott, Sir Walter 1771-1832 See also 823.73
- .75 Moore, Thomas 1779-1852
- .76 Byron, George Gordon Noel, 6th lord 1788-1824
- .77 Shelley, Percy Bysshe 1792-1822
- .78 Keats, John 1795-1821
- .79 Minor writers
- .8 Victorian period** **1837-1900**
- .81 Tennyson, Alfred, 1st baron 1809-92
- .82 Browning, Elizabeth Barrett 1809-61
- .83 Browning, Robert 1812-89
- .84 Rossetti, Dante Gabriel 1828-82
- .85 Morris, William 1834-96
- .86 Swinburne, Algernon Charles 1837-1909
- .87
- .88
- .89 Minor writers
- .91 Early 20th century** 1901-
- 822 English drama**
- .1 Early English** 1066-1400
- .11 Chester plays
- .12 Coventry plays
- .13 Townley plays

DECIMAL CLASSIFICATION

<b>822.2</b>	<b>Pre-Elizabethan</b>	<b>1400-1558</b>	
.21	Heywood, John	1506-65	
.22	Udall, Nicholas	1505-64	
.23	Bale, John	1495-1563	
<b>.3</b>	<b>Elizabethan</b>	<b>1558-1625</b>	
.31	Greene, Robert	1561-92	
.32	Marlowe, Christopher	1564-93	
.33	<b>Shakespeare, William</b>	1564-1616	
.34	<b>Jonson, Ben</b>	1574-1637	
.35	<b>Beaumont, Francis and Fletcher, John</b>	1579-1625	
.36	Webster, John	1582-1652	
.37	Massinger, Philip	1584-1640	
.38	Ford, John	1586-1639	
.39	Minor writers		
<b>.4</b>	<b>Post-Elizabethan</b>	<b>1625-1702</b>	
.41	Davenant, Sir William	1605-68	
.42	Etherege, Sir George	1637-88	
.43	Crowne, John	1644-99	
.44	Wycherly, William	1640-1715	
.45	Otway, Thomas	1651-85	
.46	<b>Congreve, William</b>	1670-1729	
.47	Vanbrugh, Sir John	1666-1726	
.48	Farquhar, George	1678-1707	
.49	Minor writers		
<b>.5</b>	<b>Queen Anne</b>	<b>Early 18th century</b>	<b>1702-45</b>
.51	Dennis, John	1657-1734	
.52	Southerne, Thomas	1660-1746	
.53	Centlivre, Mrs Susannah (Freeman)	1668-1723	
.54	Cibber, Colley	1671-1757	
.55	Rowe, Nicholas	1674-1718	
.56	Gay, John	1688-1732	
.57	Lillo, George	1693-1739	
.58			
.59	Minor writers		
<b>.6</b>	<b>Later 18th century</b>	<b>1745-1800</b>	
.61	Garrick, David	1716-79	
.62	Foote, Samuel	1721-77	
.63	Colman, George, the elder	1732-94	
.64	Home, John	1724-1808	
.65	Cumberland, Richard	1732-1811	
.66	<b>Sheridan, Richard Brinsley</b>	1751-1816	See also 825.64
.67	Inchbald, Mrs Elizabeth (Simpson)	1753-1821	
.68			
.69	Minor writers		
<b>.7</b>	<b>Early 19th century</b>	<b>1800-1837</b>	
.71	Baillie, Joanna	1762-1851	
.72	Knowles, James Sheridan	1784-1862	
<b>.8</b>	<b>Victorian period</b>	<b>1837-1900</b>	
<b>.91</b>	<b>Early 20th century</b>	<b>1901-</b>	

- 823 English fiction
- |     |  |           |                 |
|-----|--|-----------|-----------------|
| .1  | Early English                                | 1066-1400 |                 |
| .2  | Pre-Elizabethan                              | 1400-1558 |                 |
|     | More's <i>Utopia</i>                         |           |                 |
| .3  | Elizabethan                                  | 1558-1625 |                 |
|     | Lyly's <i>Euphues</i>                        |           |                 |
| .4  | Post-Elizabethan                             | 1625-1702 |                 |
| .41 | Harrington, James                            |           | 1611-77         |
| .42 | Bunyan, John                                 |           | 1628-88         |
| .43 | Mackenzie, George                            |           | 1636-91         |
| .44 | Behn, Aphra                                  |           | 1640-89         |
| .5  | Queen Anne                                   | 1702-45   |                 |
| .51 | DeFoe, Daniel                                |           | 1661-1731       |
| .52 | Fielding, Henry                              |           | 1707-54         |
| .6  | Later 18th century                           | 1745-1800 |                 |
| .61 | Richardson, Samuel                           |           | 1689-1761       |
| .62 | Sterne, Laurence                             |           | 1713-68         |
| .63 | Smollett, Tobias George                      |           | 1721-71         |
| .64 | Goldsmith, Oliver                            |           | 1728-74         |
|     | See also 821.64 and 824.66                   |           |                 |
| .65 | Mackenzie, Henry                             |           | 1745-1831       |
| .66 | Arblay, Frances (Burney), madame d'          |           | 1752-1840       |
| .67 |  |           |                 |
| .68 |  |           |                 |
| .69 | Minor writers                                |           |                 |
| .7  | Early 19th century                           | 1800-37   |                 |
| .71 | Lewis, Matthew Gregory                       |           | 1775-1818       |
| .72 | Edgeworth, Maria                             |           | 1767-1849       |
| .73 | Scott, Sir Walter                            |           | 1771-1832       |
|     |  |           | See also 821.74 |
| .74 | Austen, Jane                                 |           | 1775-1817       |
| .75 | Porter, Jane                                 |           | 1776-1850       |
| .76 | Peacock, Thomas Love                         |           | 1785-1866       |
| .77 | Galt, John                                   |           | 1779-1839       |
| .78 | Marryat, Frederick                           |           | 1792-1848       |
| .79 | Minor writers                                |           |                 |
| .8  | Victorian period                             | 1837-1900 |                 |
| .81 | Brontë, Charlotte                            |           | 1816-55         |
| .82 | Thackeray, William Makepeace                 |           | 1811-63         |
| .83 | Dickens, Charles                             |           | 1812-70         |
| .84 | Lytton, Edward George Bulwer, 1st baron      |           | 1803-73         |
| .85 | Kingsley, Charles                            |           | 1819-75         |
| .86 | Beaconsfield, Benjamin Disraeli, 1st earl of |           | 1805-81         |
| .87 | Trollope, Anthony                            |           | 1815-82         |
| .88 | Cross, Mary Ann (Evans) Lewes [George Eliot] |           | 1819-80         |
| .89 | Minor writers                                |           |                 |
| .91 | Early 20th century                           | 1901-     |                 |

## 824 English essays

- |     |   |                  |                             |
|-----|---|------------------|-----------------------------|
| .3  | <b>Elizabethan</b>                            | <b>1558-1625</b> |                             |
|     | <small>Francis Bacon 1561-1626</small>        |                  |                             |
| .4  | <b>Post-Elizabethan</b>                       | <b>1625-1702</b> |                             |
|     | <small>John Locke 1632-1704</small>           |                  |                             |
| .5  | <b>Queen Anne</b>                             | <b>1702-45</b>   |                             |
| .51 | Shaftsbury, Anthony Ashley Cooper, 3d earl of |                  | 1671-1713                   |
| .52 | Addison, Joseph                               |                  | 1672-1719                   |
| .53 | Steele, Sir Richard                           |                  | 1671-1729                   |
| .54 | Budgell, Eustace                              |                  | 1686-1737                   |
| .55 |   |                  |                             |
| .56 |   |                  |                             |
| .57 |   |                  |                             |
| .58 |   |                  |                             |
| .59 |   |                  |                             |
| .6  | <b>Later 18th century</b>                     | <b>1745-1800</b> |                             |
| .61 | Moore, Edward                                 |                  | 1712-57                     |
| .62 | Kames, Henry Home, lord                       |                  | 1696-1782                   |
| .63 | Johnson, Samuel                               |                  | 1709-84                     |
| .64 | Hume, David                                   |                  | 1711-76      See also 192.4 |
| .65 | Hawkesworth, John                             |                  | 1715-73                     |
| .66 | Goldsmith, Oliver                             |                  | 1728-74                     |
|     | <small>See also 821.64 and 823.64</small>     |                  |                             |
| .67 | Gibbon, Edward                                |                  | 1737-94                     |
| .68 |   |                  |                             |
| .69 | Minor writers                                 |                  |                             |
| .7  | <b>Early 19th century</b>                     | <b>1800-37</b>   |                             |
| .71 | Mackintosh, Sir James                         |                  | 1765-1832                   |
| .72 | Smith, Sydney                                 |                  | 1771-1845                   |
| .73 | Jeffrey, Francis, lord                        |                  | 1773-1850                   |
| .74 | Brougham, Henry, 1st baron                    |                  | 1778-1868                   |
| .75 | Lamb, Charles                                 |                  | 1775-1834                   |
| .76 | Hazlitt, William                              |                  | 1778-1830                   |
| .77 | Hunt, Leigh                                   |                  | 1784-1859                   |
| .78 |   |                  |                             |
| .79 | Minor writers                                 |                  |                             |
| .8  | <b>Victorian period</b>                       | <b>1837-1900</b> |                             |
| .81 | De Quincey, Thomas                            |                  | 1785-1859                   |
| .82 | Carlyle, Thomas                               |                  | 1795-1881                   |
| .83 | Macaulay, Thomas Babington, 1st baron         |                  | 1800-59                     |
| .84 | Helps, Sir Arthur                             |                  | 1817-75                     |
| .85 | Arnold, Matthew                               |                  | 1822-88                     |
| .86 | Ruskin, John                                  |                  | 1819-1900                   |
| .87 |   |                  |                             |
| .88 |   |                  |                             |
| .89 | Minor writers                                 |                  |                             |
| .91 | <b>Early 20th century</b>                     | <b>1901-</b>     |                             |



## LITERATURE

- 825 English oratory For 'speakers' see 808.5  
 Subdivided by periods like 821
- |     |                                     |           |
|-----|-------------------------------------|-----------|
| .6  | <b>Later 18th century 1745-1800</b> |           |
| .61 | Chatham, William Pitt, 1st earl of  | 1708-78   |
| .62 | Burke, Edmund                       | 1729-97   |
| .63 | Fox, Charles James                  | 1749-1806 |
| .64 | Sheridan, Richard Brinsley          | 1751-1816 |
| .65 | Grattan, Henry                      | 1750-1820 |
| .66 | Pitt, William                       | 1759-1806 |
- See also 822.66
- 826 English letters  
 Subdivided by periods like 821
- |     |   |           |
|-----|---|-----------|
| .2  | <b>Pre-Elizabethan 1400-1558</b>                  |           |
|     | Paston letters                                    |           |
| .5  | <b>Queen Anne 1702-45</b>                         |           |
| .51 | Montagu, Lady Mary (Pierrepont) Wortley           | 1690-1762 |
| .52 | Chesterfield, Philip Dormer Stanhope, 4th earl of | 1694-1773 |
| .53 |   |           |
| .6  | <b>Later 18th century 1745-1800</b>               |           |
| .61 | Orford, Horace Walpole, 4th earl of               | 1717-97   |
| .62 | Montagu, Mrs Elizabeth (Robinson)                 | 1720-1800 |
- 827 English satire and humor
- |     |                                   |           |
|-----|-----------------------------------|-----------|
| .2  | <b>Pre-Elizabethan 1400-1558</b>  |           |
| .21 | Barclay, Alexander                | 1475-1552 |
| .3  | <b>Elizabethan 1558-1625</b>      |           |
| .31 | Gascoigne, George                 | 1537-77   |
| .32 | Harington, Sir John               | 1561-1612 |
| .33 | Hall, Joseph                      | 1574-1656 |
| .34 | Marston, John                     | 1575-1634 |
| .35 | Donne, John                       | 1573-1631 |
| .36 |                                   |           |
| .37 |                                   |           |
| .38 |                                   |           |
| .39 |                                   |           |
| .4  | <b>Post-Elizabethan 1625-1702</b> |           |
| .41 | Wither, George                    | 1588-1667 |
| .42 | Butler, Samuel                    | 1612-80   |
| .43 | Marvell, Andrew                   | 1620-78   |
| .44 | D'Urfey, Thomas                   | 1625-1723 |
| .45 | Oldham, John                      | 1653-83   |
| .46 | Brown, Thomas                     | 1663-1704 |
| .47 | King, William                     | 1663-1712 |
| .48 | Garth, Sir Samuel                 | 1665-1719 |
| .49 | Minor writers                     |           |

DECIMAL CLASSIFICATION

<b>827.5</b>	<b>Queen Anne 1702-45</b>	
.51	Ward, Edward	1667-1731
.52	Swift Jonathan	1667-1745
.53	Mandeville, Bernard de	1670-1733
.54	Arbuthnot, John	1675-1735
.55	Pope, Alexander	1688-1744
.56		See also 821.53
.57		
.58		
<b>.6</b>	<b>Later 18th century 1745-1800</b>	
.61	Churchill, Charles	1733-65
.62	Amory, Thomas	1691-1788
.63	Whitehead, Paul	1710-74
.64	Junius <i>pseud.</i>	1679-1772
.65	Wolcott, John [Peter Pindar]	1738-1819
.66		
.67		
.68		
<b>.7</b>	<b>Early 19th century 1800-37</b>	
.71	Gifford, William	1757-1826
.72	Hood, Thomas	1798-1845
.73		
.74		
.75		
.76		
<b>.8</b>	<b>Victorian 1837-1900</b>	
.81	Jerrold, Douglas	1803-57
.82		
.83		
.84		
.85		
.86		
<b>.91</b>	<b>Early 20th century 1901-</b>	

**828 English miscellany**

Anecdotes, ana, epigrams, quotations, etc. if illustrative of any special subject (e. g. biography, history, science, art), go with that subject. If general they go in 828; if limited to any period, they take the same divisions as 821. For riddles, see 398.6; Proverbs, see 398.9. The same rule applies to other languages in 838, 848, etc.

**829 Anglo-Saxon literature** - earlier than 10-66

<b>.1</b>	<b>Poetry</b>
<b>.2</b>	<b>Cædmon</b>
<b>.3</b>	<b>Beowulf</b>
<b>.4</b>	<b>Cynewulf</b>
<b>.5</b>	<b>Homilies and religious</b>
<b>.6</b>	<b>Ælfric</b>
<b>.7</b>	<b>Alfred the Great</b>
<b>.8</b>	<b>Miscellaneous</b>
<b>.9</b>	<b>Historic and biographic</b>

## 830 German literature

830.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays, lectures and addresses  
 on German literature .5 Periodicals .6 Societies .7 Study and teaching .8 Col-  
 lections .9 History

## 831 German poetry

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
 .06 Descriptiv .07 Satiric and humorous .08 Collections .09 History of  
 German poetry

- .1 Before the Crusades —1150**
- .11 *Hildebrandslied*  
 .12 Otfried  
 .13 *Ludwigslied*  
 .14 *Muspilli*
- .2 Middle high 1150-1300**
- .21 *Nibelungenlied*  
 .22 *Gudrun*, and minor folk epics  
 .23 Heinrich von Veldeke -1200 See also 839.3112  
 .24 Wolfram von Eschenbach  
 .25 Gottfried von Strassburg  
 .26 Hartmann von Aue 1170-1220  
 .27 Walther von der Vogelweide 1170-1230  
 .28 Ulrich von Lichtenstein 1199-1276  
 .29 Minor writers
- .3 Period of decline 1300-1517**
- .31 Horneck, Ottokar von  
 .32 Hadamar von Laber  
 .33 Hermann von Sachsenheim -1458  
 .34 Böheler, Hans *Die sieben weisen meister* 1414-  
 .35 Kaspar von der Röhn *Das heldenbuch*  
 .36 *Theuerdank*  
 .37 *Die Haimonskinder*  
 .38 Mastersingers  
 .39 Minor writers
- .4 Reformation; new high 1517-1625**
- .41 Agricola, Martin 1486-1556  
 .42 Waldis, Burkard 1490-1558  
 .43 Alberus, Erasmus 1500-53  
 .44 Sachs, Hans 1494-1576  
 .45 Ringwaldt, Bartholomäus 1530-99  
 .46 Rollenhagen, Georg 1542-1609  
 .47 Andrea, Johann Valentin 1586-1654
- .5 Period of imitation 1625-1750**  
 The Silesian schools
- .51 Opitz von Boberfeld, Martin 1597-1639  
 .52 Flemming, Paul 1609-40  
 .53 Logau, Friedrich von 1604-55  
 .54 Gerhardt, Paul 1607-76  
 .55 Hofmannswäldau, Christian Hofmann von 1618-79  
 .56 Zesen, Philipp von 1619-89  
 .57 Brockes, Barthold Heinrich 1680-1747  
 .58 Bodmer, Johann Jakob 1698-1783  
 .59 Minor writers

## DECIMAL CLASSIFICATION

- 831.6 Classic period 1750-1830**  
 For Göthe and Schiller, see 832.6
- |     |                                       |           |
|-----|---------------------------------------|-----------|
| .61 | Gellert, Christian Fürchtgott         | 1715-69   |
| .62 | <b>Klopstock, Friedrich Gottlieb</b>  | 1724-1803 |
| .63 | Bürger, Gottfried August              | 1748-94   |
| .64 | <b>Herder, Johann Gottfried von</b>   | 1744-1803 |
| .65 | Voss, Johann Heinrich                 | 1751-1826 |
| .66 | Körner, Karl Theodor                  | 1791-1813 |
| .67 | Hölderlin, Johann Christian Friedrich | 1770-1843 |
| .68 | Platen Hallermünde, August, graf von  | 1796-1835 |
| .69 | Minor writers                         |           |
- .7 Postclassic period 1830-56**
- |     |  |           |
|-----|--|-----------|
| .71 | Arndt, Ernst Moritz                                    | 1769-1860 |
| .72 | Eichendorff, Joseph, freiherr von                      | 1788-1857 |
| .73 | Uhland, Johann Ludwig                                  | 1787-1862 |
| .74 | Rückert, Friedrich                                     | 1789-1866 |
| .75 | <b>Heine, Heinrich</b>                                 | 1799-1856 |
| .76 | Niemsch von Strehlenau, Nikolaus                       | 1802-50   |
| .77 | Auersperg, Anton Alexander, graf von [Anastasius Grün] | 1806-81   |
| .78 | Freiligrath, Ferdinand                                 | 1810-76   |
| .79 | Minor writers  |           |
- .8 Later 19th century 1856-1900**
- |     |                              |           |
|-----|------------------------------|-----------|
| .81 | Schefer, Leopold             | 1784-1862 |
| .82 | Kinkel, Johann Gottfried     | 1815-82   |
| .83 | Geibel, Emanuel              | 1815-84   |
| .84 | Bodenstedt, Friedrich Martin | 1819-92   |
| .85 |                              |           |
| .86 |                              |           |
| .87 |                              |           |
| .88 |                              |           |
| .89 | Minor writers                |           |
- .91 Early 20th century 1901-**
- 832 German drama**
- .5 Period of imitation 1625-1750**
- |     |  |           |
|-----|--|-----------|
| .51 | Gryphius, Andreas                            | 1616-64   |
| .52 | Lohenstein, Daniel Casper                    | 1635-83   |
| .53 | Weise, Christian                             | 1642-1708 |
| .54 | Gottsched, Johann Christoph                  | 1700-76   |
| .55 | Gottsched, Luise Adelgunde Victorie (Culmus) | 1713-62   |
- .6 Classic period 1750-1830**
- |     |   |           |
|-----|---|-----------|
| .61 | <b>Lessing, Gotthold Ephraim</b>            | 1729-81   |
| .62 | <b>Göthe, Johann Wolfgang von</b>           | 1749-1832 |
| .63 | <b>Schiller, Johann Christoph Friedrich</b> | 1759-1805 |
| .64 | Klinger, Friedrich Maximilian               | 1753-1831 |
| .65 | Iffland, August Wilhelm                     | 1759-1814 |
| .66 | Kotzebue, August Friedrich Ferdinand von    | 1761-1819 |
| .67 | Werner, Friedrich Ludwig Zacharias          | 1768-1823 |
| .68 | Kleist, Heinrich Bernt Wilhelm von          | 1777-1811 |
| .69 | Minor writers                               |           |

## LITERATURE

- 832.7 **Postclassic period 1830-56**
- .71 Grabbe, Christian Dietrich 1801-36
  - .72 Griepenkerl, Wolfgang Robert 1810-36
  - .73 Grillparzer, Franz 1791-1872
  - .74 Birch-Pfeiffer, Charlotte 1800-68
  - .75 Münch-Bellinghausen, Eligius Franz Joseph  
[Friedrich Halm] 1806-66
  - .76 Laube, Heinrich 1806-84
  - .77 Hebbel, Friedrich 1815-63
  - .78 Gutzkow, Karl Ferdinand 1811-78
  - .79 Minor writers
- .8 Later 19th century 1856-1900**
- .81 Benedix, Julius Roderich 1811-73
  - .82 Mosenthal, Salomon Hermann 1821-77
  - .83 Brachvogel, Albert Emil 1824-78
  - .84 Gottschall, Karl Rudolph 1823-1909
  - .85 Lindau, Paul 1839-
  - .89 Minor writers
- .91 Early 20th century 1901-**
- 833 **German fiction**
- .5 Period of imitation 1625-1750**
- .51 Buchholtz, Andrew Heinrich 1607-71
  - .52 Grimmelshausen, Hans Jakob Christoffel von 1625-76
  - .53 Anselm, Heinrich 1653-97
  - .54 *Robinsonaden*
  - .55 *Der Neue Amadis*
- .6 Classic period 1750-1830**
- .61 Wieland, Christoph Martin 1733-1813
  - .62 Richter, Jean Paul Friedrich 1763-1825
  - .63 Hardenberg, Friedrich von [Novalis] 1772-1801
  - .64 Hoffmann, Ernst Theodor Wilhelm 1776-1822
  - .65 La Motte Fouqué, Friedrich H; C; 1777-1843
  - .66 Arnim, Ludwig Achim von 1781-1831
  - .67 Hauff, Wilhelm 1802-27
  - .68 Chamisso, Adelbert von 1781-1838
  - .69 Minor writers
- .7 Postclassic period 1830-56**
- .71 Zschokke, Johann Heinrich Daniel 1771-1848
  - .72 Brentano, Clemens 1778-1842
  - .73 Tieck, Ludwig 1773-1853
  - .74 Postl, Karl [Charles Sealsfield] 1793-1864
  - .75 Häring, Wilhelm [Wilibald Alexis] 1798-1871
  - .76 Hahn-Hahn, Ida, gräfin von 1805-80
  - .77 Gerstäcker, Friedrich 1816-72
  - .78 Hackländer, Friedrich Wilhelm 1816-77
  - .79 Minor writers

DECIMAL CLASSIFICATION

<b>833.8</b>	<b>Later 19th century</b>	<b>1856-1900</b>	
.81	Auerbach, Berthold		1815-82
.82	Freytag, Gustav		1816-95
.83	Scheffel, Joseph Viktor von		1826-96
.84	Spielhagen, Friedrich		1829-1911
.85	Heyse, Paul Johann Ludwig		1830-1914
.86	Ebers, Georg		1837-98
.89	Minor writers		
<b>.91</b>	<b>Early 20th century</b>	<b>1901-</b>	

**834** German essays      Subdivided by periods like 831

**835** German oratory      “      “

**836** German letters      “      “

**837** German satire and humor

<b>.2</b>	<b>Middle high: minnesingers</b>	<b>1150-1300</b>	
.21	[Stricker, Der]	<i>Der Pfaffe Amis und Beispiele</i>	
.22	<i>Salomon und Morolf</i>		
<b>.3</b>	<b>Period of decline</b>	<b>1300-1517</b>	
.31	<i>Reineke Vos</i>	See also 839.371	
.32	Brant, Sebastian		1458-1521
<b>.4</b>	<b>Reformation: new high</b>	<b>1517-1625</b>	
.41	Murner, Thomas [Tyll Eulenspiegel]		1475-1537
.42	Fischart, Johann		1550-89
<b>.5</b>	<b>Period of imitation</b>	<b>1625-1750</b>	
.51	Moscherosch, Johann Michael		1601-69
.52	Rachel, Joachim		1618-69
.53	Wernicke, Christian		1660-1720
.54	Liscow, Christian Ludwig		1701-60
<b>.6</b>	<b>Classic period</b>	<b>1750-1830</b>	
.61	Rabener, Gottlieb Wilhelm		1714-71
.62	Blumauer, Aloys		1755-98

**838** German miscellany

See 828, note

## 839 Minor Teutonic literatures

Subdivided by form, poetry, drama, etc. like 830

- .1 Low German
- .2 Frisian Old Saxon
- .3 Dutch literature Flemish
- .31 Dutch poetry
- .311 Middle ages 1200-1450  
 1 Jacob van Maerlant 1235-91 (2 Heinrije van Veldeke 1200, see 831.23) 3 Jan van Brabant 1250-94 4 Melis Stoke 1310 5 Dirck Potter 1428
- .312 Chambers of rhetoric 1450-1600  
 1 Antonius de Rovere 1482 2 Anna Bijns 1500 3 Matthijs de Castelein 1488-1548 4 Cornelis Everaert 1550 5 Jan Baptist Houwaert 1533-99 6 Dirk Volkerszoon Coornhert 1522-90 7 Philipp Marnix 1538-98 8 Cornelis van Ghistele 1600 9 Minor writers
- .313 Period of the Republic 1600-1700  
 1 Jacob Cats, 1577-1660 2 Joost van der Vondel 1587-1679 3 Marie Tesselschade Visscher 1594-1649 4 Constantijn Huygens 1596-1687 5 Reyer Anslø 1626-69 6 Geraert Brandt 1626-85 7 Jan Antoniszoon van der Goes (Antonides) 1647-84 9 Minor writers
- .314 Poetic societies 1700-1800  
 1 Lucas Rotgans 1654-1710 2 Hubert Corneliszoon Poot 1689-1733 3 Arnold Hoogvliet 1687-1763 4 Sybrand Feitama 1694-1758 5 Willem van Haren 1710-68 6 Jacob Bellamy 1757-86 7 Hieronymus van Alphen 1746-1803 9 Minor writers
- .315 Modern period 1800-  
 1 Willem Bilderdijk 1756-1831 2 Jan Frederik Helmers 1767-1813 3 Cornelis Loots 1765-1834 4 Hendrik Tollens 1780-1856 5 Isaac da Costa 1798-1860 6 Jan Jacob Lodewijk ten Kate 1819-9 Minor writers
- .32 Dutch drama
- .323 Period of the Republic 1600-1700  
 1 Gerbrand Adriaenszoon Bredero 1585-1618 2 Corneliszoon Hooft 1581-1647 3 Samuel Costa 1580-1650 4 Jan Vos 1620-67 5 Guillelmus Ogier 1619-89 6 Joachim Oudaan 1628-92 9 Minor writers
- .324 Poetic societies 1700-1800  
 1 Pieter Langendijk 1683-1756 2 Andries Pels 3 Balthasar Huydecoper 1695-1778 4 Onno Zwier van Haren 1713-79 5 Jan Nomsz 1738-1803 9 Minor writers
- .325 Modern period 1800-  
 1 Samuel Iperuszoon Wiselius 1769-1845 2 Helvetius van den Bergh 1795-1865 3 Hendrik Jan Schimmel 1825-1906
- .33 Dutch fiction
- .334 Poetic societies 1700-1800  
 1 Elisabeth Bekker Wolff 1738-1804 2 Agatha Deken 1741-1804 3 Rhijnvis Feith 1753-1824
- .335 Modern period 1800-  
 1 Adriaan Loosjes 1761-1818 2 Jacob Vosmaer 1783-1834 3 Jan Frederik Oltmans 1800-54 4 Jacob van Lennep 1802-68 5 Hendrik Conscience 1812-83 6 Anna Louisa Geertruida Bosboom-Toussaint 1812-86
- .34 Dutch essays
- .344 Poetic societies 1700-1800  
 Justus van Effen 1684-1735
- .345 Modern period 1800-  
 1 Johannes Henricus van der Palm 1763-1840 2 Reinier Cornelis Bakhuizen van den Brink 1810-65 3 Everhardus Johannes Potgieter 1808-75 4 Nicolaas Beets 1814-1903 5 Coenraad Busken Huet 1826-86
- .37 Dutch satire and humor
- .371 Middle ages 1200-1450  
 Reinaert (van den vos Reinaerde) see 837.31
- .374 Poetic societies 1700-1800  
 Arend Simonszoon Fokke 1755-1812

## DECIMAL CLASSIFICATION

- 839.38 Dutch miscellany  
The subdivisions of 8 show the leading writers in other branches of knowledge  
In classification, books are placed with their subjects, theology, history, etc.
- .381 Middle ages 1200-1450  
Jan van Boendale (Jan de Clerc) *Chronicles*, 1280-1365
- .384 Poetic societies 1700-1800  
Simon Stijl, *History*, 1731-1804; Jan Wagenaar, *History*, 1709-73
- .4 Platt Deutsch
- .5 Scandinavian
- .6 Old Norse Icelandic Faroese
- .7 Swedish literature
- .71 Swedish poetry
- .711 Middle ages 1200-1520  
1 Nicolaus Hermanni 1391 2 Bishop Tomas 1443 3 Ericus Olai  
4486 4 Ballads (Folkvisor)
- .712 Reformation 1520-1640  
1 Olaus Petri 1496-1552 2 Laurentius Petri 1499-1573
- .713 Age of Stjernihjelm 1640-1740  
1 Georg Stjernihjelm 1598-1672 2 Lars Johansson (Lucidor) 1640-74  
3 Haquin Spegel 1645-1714 4 Israel Holmström 1660-1708 5 Gunno  
Eurelius Dahlstjerna 1661-1709 6 Johan Runius 1679-1713 7 Jacob  
Frese 1691-1729 8 Samuel von Triewald 1688-1743 9 Minor writers
- .714 Age of Dalin 1740-80  
1 Olof Carelius 1758 2 Olof von Dalin 1708-63 3 Hedvig Charlotta  
Nordenflycht 1718-63 4 Anders Odel 1718-73 5 Gustaf Filip  
Creutz 1729-85 6 Gustaf Fredrik Gyllenberg 1731-1808 7 Olof  
Bergklint 1733-1805 9 Minor writers
- .715 Age of Gustavus 1780-1800  
1 Karl Mikael Bellman 1740-1795 2 Johan Henrik Kellgren 1751-95  
3 Bengt Lidner 1757-93 4 Johan Gabriel Oxenstjerna 1750-1818  
5 Tomas Thorild 1759-1808 6 Anna Maria Lenngren 1754-1817  
7 Karl Gustaf af Leopold 1756-1829 8 Frans Mikael Prazén 1772-1847  
9 Minor writers
- .716 Modern period 1800-  
1 Per Henrik Ling 1776-1839 2 Johan Olof Wallin 1779-1839 3 Esaias  
Tegnér 1782-1846 4 Erik Johan Stagnelius 1793-1823 5 Per Daniel  
Amadeus Atterbom 1790-1855 6 Karl Jonas Ludwig Almqvist 1793-  
1866 7 Johan Ludwig Runeberg 1804-77 8 Karl Vilhelm Böttiger  
1807-79 9 Minor writers
- .72 Swedish drama
- .722 Reformation 1520-1640  
1 Johan Messenius 1579-1637 2 Magnus Olai Asteropherus -1647  
3 Andreas Johannis Prytz 1590-1655
- .723 Age of Stjernihjelm 1640-1740  
Isak Börk -1701
- .725 Age of Gustavus 1780-1800  
1 Karl Israel Hallman 1732-1800 2 Gustaf 3 (king) 1746-92  
3 Olof Kexél 1748-96 4 Karl Evaldsson 1756-1806
- .726 Modern period 1800-  
1 Johan Börjesson 1790-1866 2 Bernhard von Beskow 1796-1868  
3 August Teodor Blanche 1811-68 4 Johan Kristofer Jolin 1818-84  
5 Frans Hedberg 1828-1908 6 Per Johan Edvard Bäckström  
1841-86
- .73 Swedish fiction
- .734 Age of Dalin 1740-1780  
1 Jakob Henrik Mörk 1714-63 2 Jakob Vallenberg 1746-78
- .736 Modern period 1800-  
1 Sofia Margareta von Knorring 1797-1848 2 Magnus Jakob Cru-  
senstolpe 1795-1865 3 Fredrika Bremer 1801-65 4 Karl Anton Wet-  
terbergh (Onkel Adam) 1804-89 5 Emilie Flygare Carlén 1807-92  
6 Zakris Topelius 1818-98 7 Viktor Rydberg 1829-95 9 Minor  
writers



LITERATURE

- 839.74 Swedish essays  
 .746 **Modern period** 1800-  
 1 Benjamin Karl Henrik Høijer 1767-1812 2 Lorenzo Hammarsköld  
 1785-1827 3 Bernhard Elis Malmström 1816-65 4 Karl Julius  
 Lénström 1811-93 5 Gustaf Håkan Jordan Ljunggren 1823-1905  
 6 Karl Rupert Nyblom 1832-
- .77 Swedish satire and humor  
 .776 **Modern period** 1800-  
 1 Johan Anders Wadman 1777-1837 2 Erik Sjöberg (Vitalis) 1794-  
 1828 3 Kristian Erik Fahlcrantz 1790-1866 4 Vilhelm August  
 Detlof von Braun 1813-60 5 Gunnar Wennerberg 1817-
- .78 Swedish miscellany  
 The subdivisions of 8 show the leading writers in other branches of knowl-  
 edge. In classification, books are placed with their subjects, theology,  
 history, etc.
- .781 **Middle ages** 1200-1520  
 Canon Mattias, *Bible translation*, -1350; Peder Månsson, *Encyclopædia*,  
 -1534
- .782 **Reformation** 1520-1640  
 1 Peder Andersson Svart, *History*, -1562 2 Erik Göransson Tegel,  
*History*, 1580-1636 3 Ægidius Girs, *History*, 1580-1639 4 Gustavus  
 Adolphus (king), *History*, 1594-1632
- .783 **Age of Stjernhjelm** 1640-1740  
 1 Olof Rudbeck, *Medicin*, 1630-1702 2 Urban Hjärne 1641-1724  
 3 Johan Peringskjöld, *History*, 1654-1720 4 Anders Rydelius, *Philosophy*  
 1671-1738 5 Anders Celsius, *Astronomy*, 1701-44 6 Emanuel  
 Swedenborg, *Theology*, 1688-1772
- .784 **Age of Dalin** 1740-1780  
 1 Karl Gustaf Tessin, *History*, 1695-1770 2 Karl von Linné, *Botany*  
 1707-78 3 Johan Ihre, *Philology*, 1707-80 4 Sven Lagerbring  
*History*, 1707-87 5 Anders Johan von Höpken, *History*, 1712-89,  
 6 Olof Celsius, *History*, 1716-94 7 Anders af Botin, *History*, 1724-  
 90 8 Torbern Olof Bergman, *Chemistry*, 1735-84 Karl Vilhelm  
 Scheele, *Chemistry*, 1742-86
- .786 **Modern period** 1800-  
 1 Erik Gustaf Geijer, *History*, 1783-1847 2 Anders Magnus Strinnholm,  
*History*, 1786-1862 3 Anders Fryxell, *History*, 1795-1881 4 Frederik  
 Ferdinand Carlson, *History*, 1811-87
- .8 **Danish and Norwegian literature**
- .81 Danish and Norwegian poetry
- .811 **Middle ages** 1100-1500  
 1 Anders Sunesen 2 Ballads (Kjæmpeviser)
- .812 **Reformation** 1500-1560  
 Hans Tavsén 1494-1561
- .813 **Learned period** 1560-1700  
 1 Anders Arrebo 1587-1637 2 Anders Bording 1619-77 3 Peder  
 Syv 1631-1702 4 Thomas Kingo 1634-1703 5 Peder Dass 1647-  
 1708 6 Dorthe Engelbrektsdatter 1635-1716 7 Søren Terkelsen  
 1661 8 Jacob Vorm 1642-93
- .814 **Age of Holberg** 1700-1750  
 1 Jørgen Sorterup 1662-1723 2 Tøger Reenberg 1656-1742 3 Kristian  
 Falster 1690-1752 4 Hans Adolph Brorson 1694-1764 5 Ambrosius  
 Stub 1705-58 6 Kristian Frederik Wadskjær 1712-79
- .815 **Period of enlightenment** 1750-1800  
 1 Kristian Braunnmann Tullin 1728-65 2 Johannes Evald 1743-81  
 3 Johan Herman Vessel 1742-85 4 Edvard Storm 1749-94  
 5 Kristen Henriksen Pram 1756-1821 6 Jens Baggesen 1764-  
 1826 7 Knud Lyne Rahbek 1760-1830 8 Malte Konrad Bruun 1775-  
 1826 9 Minor writers
- .816 **Modern period** 1800-  
 1 Adam Gottlob Oehlenschläger 1779-1850 2 Bernhard Severin Inge-  
 mann 1789-1862 3 Nicolai Frederik Severin Grundtvig 1783-1872  
 4 Johannes Carsten Hauch 1790-1871 5 Henrik Wergeland 1808-45  
 6 Ludvig Bødtcher 1793-1874 7 Frederik Paludan-Müller 1809-76  
 8 Carl Ploug 1813-94 9 Minor writers

DECIMAL CLASSIFICATION

- 839.82 Danish and Norwegian drama  
 .823 **Learned period** 1560-1700  
 1 Hieronimus Justesen Rauch 1539-1607 2 Hans Kristensen Sthen  
 1544-1603 3 Peder Jensen Hegelund 1542-1614 4 Hans Thomsen  
 Stege -1628 5 Jens Lönberg 1663-1700
- .824 **Age of Holberg** 1700-1750  
 1 Ludvig Holberg 1684-1754
- .825 **Period of enlightenment** 1750-1800  
 1 Charlotte Dorothea Biehl 1731-88 2 Johan Nordal Bruun 1745-  
 1816 3 Ole Johan Samsøe 1759-96 4 Enevold Falsen 1755-1808  
 5 Thomas Thaarup 1749-1821 6 Kristian Levin Sander 1756-1819  
 7 Olaf Kristian Olufsen 1764-1827 8 Peter Andreas Heiberg 1758-  
 1841 9 Minor writers
- .826 **Modern period** 1800-  
 1 Casper Johannes Boye 1791-1853 2 Johan Ludvig Heiberg 1791-  
 1860 3 Henrik Hertz 1798-1870 4 Thomas Overskou 1798-1873  
 5 Christian Knud Frederik Molbech 1821-88 6 Henrik Ibsen 1828-  
 1906
- .83 Danish and Norwegian fiction  
 .836 **Modern period** 1800-  
 1 Thomasine Christine Gyllembourg-Ehrensvärd 1773-1856 2 Steen  
 Steensen Blicher 1782-1848 3 Christian Winther 1796-1876 4 Hans  
 Christian Andersen 1805-75 5 Meyer Aaron Goldschmidt 1819-  
 87 6 Holger Drachmann 1846-1908 7 Bjørnstjerne Bjørnson  
 1832-1910
- .84 Danish and Norwegian essays  
 .845 **Period of enlightenment** 1750-1800  
 Rasmus Nyerup 1759-1829
- .846 **Modern period** 1800-  
 1 Niels Mathias Petersen 1781-1862 2 Sören Aaby Kierkegaard 1813-  
 55 3 Rudolph Keyser 1803-64 4 Peter Andreas Munch 1810-  
 63 5 Johan Sebastian Cammermeyer Welhaven 1807-73 6 Georg  
 Morris Cohen Brandes 1842-
- .87 Danish and Norwegian satire and humor  
 .875 **Period of enlightenment** 1750-1800  
 1 Peder Magnus Trojel 1743-96 2 Peder Kofored Trojel 1754-84  
 3 Thomas Kristoffer Bruun 1750-1834
- .88 Danish and Norwegian miscellany  
 The subdivisions of 8 show the leading writers in other branches of knowledge.  
 In classification, books are placed with their subjects, theology, history, etc.
- .881 **Middle ages** 1100-1500  
 1 Saxo (Longus) Grammaticus, *History*, -1208 2 Svend Aagesen, *History*
- .882 **Reformation** 1500-1560  
 1 Kristiern Pedersen (Father of Danish literature) 1480-1554 2 Povel  
 Eliesen, *Sermons*, 1480- 3 Hans Mikkelsen, *Bible translation*, -1532  
 4 Peder Plade (Palladius) 1503-60 5 Henrik Smith, *Medicin*, -1563
- .883 **Learned period** 1560-1700  
**History:** Hans Svaning 1508-1584 Anders Sörensen Vedel 1542-1616  
 Peder Klausen 1545-1614 Arild Hvitfeld 1549-1609 Klaus Lyskander  
 1558-1623 Ole Worm 1588-1654 Peder Resen 1625-88  
**Theology:** Niels Hemmingsen 1513-1600 Holger Rosenkranz 1574-  
 1642 Jesper Brochmand 1585-1652  
**Science:** Tyge Brahe, *Astronomy*, 1546-1601 Kaspar Bartholin,  
*Medicin*, 1585-1629 Thomas Bartholin, *Anatomy*, 1616-80  
 Ove Borch, *Medicin*, 1626-90 Niels Stensen, *Anatomy*, 1638-86  
 Ole Römer, *Astronomy*, 1644-1710
- .884 **Age of Holberg** 1700-1750  
 1 Erik Pontoppidan, *History*, 1698-1764 2 Jacob Langebek, *History*,  
 1710-75 3 Frederik Kristian Eilschov, , 1725-50  
 4 Gerhard Schöning, *History*, 1722-80 5 Peder Frederik Suhm,  
*History*, 1728-98
- .9 Gothic

## 840 French literature

- 840.1 Philosophy .2 Compends .3 Dictionaries .4 Essays, lectures, and  
addresses on French literature .5 Periodicals .6 Societies .7 Study and teaching  
.8 Collections .9 History

## 841 French poetry

- .02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
.06 Descriptiv .07 Satiric and humorous .08 Collections .09 History of  
French poetry

- .1 **Early French 842-1400**
- .11 **Chanson de Roland** *Chanson de geste*
- .12 Wace, Robert
- .13 Marie de France
- .14 Chrestien de Troyes -1191
- .15 Quesnes de Bethune -1228
- .16 Thibaut 4, comte de Champagne 1201-53
- .17 Rutebeuf 1230-
- .18 **Roman de la rose**
- Guillaume de Loris, 1195-1260 Jean de Meung, 1280-1320
- .19 Minor poets
- .2 **Transition period 1400-1500**
- .21 Chartier, Alain 1386-1458
- .22 Orléans, Charles duc d' 1391-1465
- .23 Coquillart, Guillaume 1421-1510
- .24 Baude, Henri 1430-95
- .25 Villon, François 1431-85
- .26
- .27
- .28
- .29 Minor poets
- .3 **Renaissance 1500-1600**
- .31 Daurat, Jean 1510-88
- .32 Du Bellay, Joachim 1524-60
- .33 Belleau, Remy 1528-77
- .34 Ronsard, Pierre de 1524-85
- .35 Thiard, Pontus de 1521-1605
- .36 Baïf, Jean Antonie de 1532-89
- .37 Saluste du Bartas, Guillaume de 1544-90
- .38 Desportes, Philippe 1546-1606
- .39 Minor poets
- .4 **Classic period 1600-1715**
- .41 Malherbe, François de 1555-1628
- .42 Maynard, François 1582-1646
- .43 Racan, Honorat de Bueil, marquis de 1589-1670
- .44 Chapelain, Jean 1595-1674
- .45 **La Fontaine, Jean de** 1621-95
- .46 Deshoulières, Antoinette (du Ligier de la Garde),  
Madame 1637-94
- .47 Chaulieu, Guillaume Amfrye de 1639-1720
- .48
- .49 Minor poets

DECIMAL CLASSIFICATION

<b>841.5</b>	<b>18th century</b>	<b>1715-89</b>	
.51	Rousseau, Jean Baptiste	1670-1741	
.52	Racine, Louis	1692-1763	
.53	Pompignan, Jean Jacques de Franc, marquis de	1709-84	
.54	Delille, Jacques	1738-1813	
.55	Roucher, Jean Antoine	1745-94	
.56	Chénier, André Marie de	1762-94	
.57	Parny, Evariste Désiré Desforges, vicomte de	1753-1814	

.58  
.59 Minor poets

**.6 Revolution and empire 1789-1815**

.61	Lebrun, Ponce Denis Écouchard	1729-1807
.62	Fontanes, Louis, marquis de	1757-1821
.63	Parseval Grandmaison, François Auguste	1759-1834
.64	Luce de Lancival, Jean Charles Julien	1764-1810
.65	Désaugiers, Marc Antoine Madeleine	1772-1827
.66	Campenon, François Nicolas Vincent	1772-1843
.67	Millevoye, Charles Hubert	1782-1816

.68  
.69 Minor poets

**.7 Constitutional monarchy 1815-48**

.71	Béranger, Pierre Jean de	1780-1857
.72	Delavigne, Jean François Casimir	1793-1843 See 842.72
.73	Deschamps, Émile	1791-1871
.74	Lamartine, Alphonse Marie Louis de Prat de	1792-1869
.75	Reboul, Jean	1796-1864
.76	Vigny, Alfred Victor, comte de	1799-1863 See 842.75
.77	Musset, Louis Charles Alfred de	1810-57 See 842.76
.78	Hugo, Victor Marie, comte	1802-85

See also 842.78 and 843.78

.79 Minor poets

**.8 Later 19th century 1848-1900**

.81	Laprade, Pierre Marin Victor Richard de	1812-83
.82	Dupont, Pierre	1821-70
.83	Banville, Théodore Faullain de	1820-91
.84	Sully-Prudhomme, René François Armand	1839-1907
.85	Coppée, Francis Édouard Joachim	1842-1908 See 842.88
.86	Deroulède, Paul	1846-

.87  
.88  
.89 Minor poets

**.91 Early 20th century 1901-**

**842 French drama**

<b>.1</b>	<b>Early French</b>	<b>842-1400</b>
.11	Mysteries and miracles	
.12	Adam de la Halle	1240-86
.13	Bodel, Jean	

.14  
.15  
.16  
.17  
.18  
.19 Minor dramatists

## LITERATURE

- 842.2 Transition period 1400-1500**
- .21 Gresban, Arnoul
- .22 Michel, Jean -1493
- .23 Gringoire, Pierre 1480-1544
- .24
- .25
- .26
- .27
- .28
- .29 Minor dramatists
- .3 Renaissance 1500-1600**
- .31 Le Coq, Thomas
- .32 Baif, Lazare de
- .33 La Peruse, Jean Bastier de 1530-55
- .34 Jodelle, Étienne 1532-73
- .35 Grévin, Jacques 1538-70
- .36 La Taille, Jean de 1540-1608
- .37 Garnier, Robert 1545-1601
- .38 Larivey, Pierre de 1550-1612
- .39 Minor dramatists
- .4 Classic period 1600-1715**
- .41 Corneille, Pierre 1606-84
- .42 Molière, Jean Baptiste Poquelin, *called* 1622-73
- .43 Corneille, Thomas 1625-1709
- .44 Boursault, Edme 1638-1701
- .45 Racine, Jean 1639-99
- .46 Brueys, David Augustin de 1640-1723
- .47 Dufresny, Charles Rivière 1648-1724
- .48 Baron, Michel Boyron, *called* 1653-1729
- .49 Minor dramatists
- .5 18th century 1715-89**
- .51 La Motte, Antoine Houdart de 1672-1731
- .52 Crébillon, Prosper Jolyot de 1674-1762
- .53 Destouches, Philippe Nericault 1680-1754
- .54 Marivaux, Pierre Carlet de Chamblain de 1688-1763 See 843.52
- .55 Piron, Alexis 1689-1773
- .56 Voltaire, François Marie Arouet de 1694-1778 See 843.54
- .57 Sédaine, Michel Jean 1719-97
- .58 Beaumarchais, Pierre Augustin Caron de 1732-99
- .59 Minor dramatists
- .6 Revolution and empire 1789-1815**
- .61 Ducis, Jean François 1733-1816
- .62 Collin-Harleville, Jean François 1735-1806
- .63 La Harpe, Jean François de 1739-1803 See 844.61
- .64 Fabre d'Églantine, Philippe François Nazaire 1755-94
- .65 Andrieux, François Guillaume Jean Stanislas 1759-1833
- .66 Chenier, Marie Joseph 1764-1811
- .67 Picard, Louis Benoît 1769-1828
- .68 Lemercier, Louis Jean Népomucène 1771-1840
- .69 Minor dramatists

## DECIMAL CLASSIFICATION

- 842.7 **Constitutional monarchy 1815-48**
- .71 Soumet, Alexandre 1788-1845
- .72 Delavigne, Jean François Casimir 1793-1843 See 841.72
- .73 Scribe, Augustin Eugène 1791-1861
- .74 Ancelot, Jacques Arsène François Polycarpe 1794-1864
- .75 Vigny, Alfred Victor, comte de 1799-1863 See 841.76
- .76 Musset, Louis Charles Alfred de 1810-57 See 841.77
- .77 **Dumas, Alexandre, the elder** 1806-70 See 843.76
- .78 **Hugo, Victor Marie, comte** 1802-85  
See also 841.78 and 843.78
- .79 Minor dramatists
- .8 **Later 19th century 1848-1900**
- .81 Labiche, Eugène Marin 1815-88
- .82 Ponsard, François 1824-67
- .83 Augier, Guillaume Victor Émile 1822-89
- .84 Dumas, Alexandre, fils 1824-95
- .85 Bornier, Henri de 1825-1901
- .86 Sardou, Victorien 1831-1908
- .87 Pailleron, Édouard 1834-99
- .88 Coppée, Francis Édouard Joachim 1842-1908 See 841.85
- .89 Minor dramatists
- .91 **Early 20th century 1901-**
- 843 **French fiction**
- .2 **Transition period 1400-1500**
- .21 Christine de Pisan 1363-1431
- .22 Jean de Tuim
- .23 La Sale, Antoine de 1398-1462
- .24 Chastelain, Georges 1403-75
- .25
- .26
- .27
- .28
- .29 Minor writers
- .3 **Renaissance 1500-1600**
- .31 Marguerite de Navarre 1492-1549
- .32 Desperriers, Bonaventure 1500-44
- .33 Herberay, Nicolas d' -1552
- .34 Du Fail, Noël -1585
- .35 Bouchet, Guillaume 1526-1606
- .36 Beroalde de Verville, François 1558-1612
- .37
- .38
- .39 Minor writers
- .4 **Classic period 1600-1715**
- .41 Urfé, Honoré d' 1568-1625
- .42 Gomberville, Marin Le Roy de 1600-47
- .43 La Calprenède, Gauthier de Costes de 1602-63
- .44 Scudéry, Georges de 1601-67
- .45 Scudéry, Madeleine de 1607-1701
- .46 Cyrano de Bergerac, Savinien 1620-55
- .47 Perrault, Charles 1628-1703
- .48 Lafayette, Marie Madeleine Pioche de la Vergne, comtesse de 1634-93
- .49 Minor writers

LITERATURE

- 843.5 18th century 1715-89
- .51 Le Sage, Alain René 1668-1747
  - .52 Marivaux, Pierre Carlet de Chamblain de 1688-1763 See 842.54
  - .53 Prévost d'Exiles, Antoine François 1697-1763
  - .54 Voltaire, François Marie Arouet de 1694-1778 See 842.56
  - .55 Crébillon, Claude Prosper Jolyot de, fils 1707-77
  - .56 Rousseau, Jean Jacques 1712-78
  - .57 Restif de la Bretonne, Nicolas Edme 1734-1806
  - .58 Florian, Jean Pierre Claris de 1755-94
  - .59 Minor writers
  - .6 Revolution and empire 1789-1815
  - .61 St Pierre, Jacques Henri Bernardin de 1737-1814
  - .62 Staël Holstein, Anne Louise Germaine (Necker),  
baronne de 1766-1817
  - .63 Constant de Rebecque, Henri Benjamin 1767-1830
  - .64 Maistre, Xavier de 1763-1852
  - .65 Chateaubriand, François Auguste René, vicomte de 1768-1848
  - .66
  - .67
  - .68
  - .69 Minor writers
  - .7 Constitutional monarchy 1815-48
  - .71 Beyle, Marie Henri [de Stendhal] 1783-1842
  - .72 Nodier, Charles 1790-1844
  - .73 Balzac, Honoré de 1799-1850
  - .74 Sue, Marie Joseph, *called* Eugène 1804-57
  - .75 Souvestre, Émile 1806-54
  - .76 Dumas, Alexandre, the elder 1806-70 See 842.77
  - .77 Gautier, Théophile 1811-72
  - .78 Hugo, Victor Marie, comte 1802-85  
See also 841.78 and 842.78
  - .79 Minor writers
  - .8 Later 19th century 1848-1900
  - .81 Mérimée, Prosper 1803-70
  - .82 Dudevant, Amantine Lucile Aurore Dupin  
[George Sand] 1804-76
  - .83 Feuillet, Octave 1822-90
  - .84 Flaubert, Gustave 1821-81
  - .85 Erckmann-Chatrian { Erckmann, Émile  
Chatrian, Alexandre 1822-99  
1826-90
  - .86 About, Edmond François Valentin 1828-85
  - .87 Cherbuliez, Victor 1829-99
  - .88 Daudet, Alphonse 1840-97
  - .89 Minor writers
  - .91 Early 20th century 1901-
- 844 French essays
- .3 Renaissance 1500-1600
  - .31 Montaigne, Michel Eyquem de 1533-92
  - .4 Classic period 1600-1715
  - .41 Du Vair, Guillaume 1556-1621
  - .42 Saint-Évremond, Charles de Marguetel de Saint-  
Denis de 1613-1703

DECIMAL CLASSIFICATION

- 844.5 18th century 1715-89
- .51 Fontenelle, Bernard le Bovier de 1657-1757
- .52 Montesquieu, Charles le Secondat, baron de 1689-1755
- .53 Alembert, Jean le Rond d' 1717-83
- .6 Revolution and empire 1789-1815
- .61 La Harpe, Jean François de 1739-1803 See 842.63
- .62 Joubert, Joseph 1754-1824
- .63 Courier de Méré, Paul Louis 1772-1825
- .64 Senancour, Étienne Pivert de 1770-1846
- .7 Constitutional monarchy 1815-48
- .71 La Mennais, Hugues Félicité Robert de 1782-1854
- .72 Villemain, Abel François 1790-1870
- .73 Planche, Jean Baptiste Gustave 1808-57
- .74 Sainte Beuve, Charles Augustin 1804-69
- .75 Saint-Marc Girardin 1801-73
- .76 Janin, Jules Gabriel 1804-74
- .77 Nisard, Jean Marie Napoléon Désiré 1806-88
- .8 Later 19th century 1848-1900
- .81 Quinet, Edgar 1803-75
- .82 Renan, Ernest 1823-92
- .83 Taine, Hippolyte Adolphe 1828-93
- .91 Early 20th century 1901-
- 845 French oratory Subdivided by periods like 841
- 846 French letters Subdivided by periods like 841
- 847 French satire and humor
- .1 Early French 842-1400
- .11 Guyot de Provins
- .12 *Roman du Renard* See 837.31 and 839.371
- .13 Deschamps, Eustache 1320-1400
- .3 Renaissance 1500-1600
- .31 Marot, Clément 1495-1544
- .32 Rabelais, François 1495-1553
- .33 *La Satyre Ménippée* 1594
- .34 Aubigné, Théodore Agrippa d' 1550-1630
- .35 Regnier, Mathurin 1573-1613
- .4 Classic period 1600-1715
- .41 Viau, Théophile de 1590-1626
- .42 Saint Amant, Marc Antoine Gérard 1594-1661
- .43 Scarron, Paul 1610-60
- .44 Benserade, Isaac de 1612-91
- .45 Furetière, Antoine 1620-88
- .46 Boileau Despréaux, Nicolas 1636-1711
- .47 Regnard, Jean François 1655-1709
- .5 18th century 1715-89
- .51 Gresset, Jean Baptiste Louis 1709-77
- .52 Gilbert, Nicolas Joseph Laurent 1751-80
- .7 Constitutional monarchy 1815-48
- .71 Barthélemy, August Marseille 1796-1867
- .72 Barbier, Henri Auguste 1805-82
- 848 French miscellany Subdivided by periods like 841



## 849 Provençal literature

- .I Provençal poetry
- .II 1st period 900-1100  
Poetry in hands of clergy. No folk poetry preservd. Form mainly epic  
Language not yet fixt. Country under rule of counts, nominally subject to  
emperor, really independent till 1486, then reunited to France
- .III Epic poetry  
Boethius
- .II2 Lyric poetry
- .II9 Minor poetry Didactic
- .I2 Golden age 1100-1300  
Poets mainly knights, but after 1250 almost exclusively burghers. Lyric most  
important
- .I21 Romances of chivalry  
Girart de Rossilho
- .I22 Historical poetry  
Croisade contre les Albigeois
- .I23 Romans d'aventures  
Flamenca
- .I24 Lyric poetry
- .I25 Bernart de Ventadorn, flourisht about 1140-95
- .I26 Born, Bertran de " " 1180-95
- .I27 Arnaut, Daniel " " 1180-1200
- .I28 Borneill, Guiraut de " " 1175-1220-
- .I29 Minor poetry  
Nearly 500 poets named beside anonymous poems. Form prevails over  
content; great variety of poetic forms. These lyric poets are the real  
Troubadours
- .I3 Aftermath 1300-1500  
Downfall of language and literature owing to lack of content and to political  
and social causes, specially the crusade against the Albigenes
- .I31 Poets of school of Toulouse  
Arnaut Vidal, first recipient of the Golden Violet, 1324. Poetry artificial, a  
craft. Las Leys d'Amors is the code of poetic laws, by Guillem Molinier,  
chancellor of 'Consistory de la gaya sciensa' establisht at Toulouse 1324.  
First prize a golden violet. When in danger of perishing, consistory revived  
in 1484 and poetic exercises styled 'Jeux floraux'
- .I32 La Noble Leyczon  
Religious poetry of Waldenses
- .I39 Minor poetry
- .I4 Decadence 1500-  
Provençal sinks to position of a dialect despite fitful attempts to revive it, the  
most recent, that connected with publication of Li Provençalo 1852
- .I41 Goudouli, Pierre de 1579-1649
- .I42 Despourrins, Cyprien 1698-1755
- .I43 Jasmin, Jacques 1798-1864
- .I44 Roumanille, Joseph 1818-91
- .I45 Aubanel, Jos. Marie J. Baptiste Théodore 1829-86
- .I46 Mistral, Frédéric 1830-1914
- .I49 Minor poetry

DECIMAL CLASSIFICATION

- 849.9 **Catalan literature**
- .91 **Catalan poetry**
- .911 **1st period** 1200-1350  
 Catalonia before 1137 ruled by French counts, then united to Aragon. Language is closely allied to Provençal, in which first poets wrote. Mss scattered; few as yet printed. Literature begins with James I (1213-76) who made Catalan the state language.  
 For Ramon Muntaner see 849.9813  
 1 Raimon Lull 1225-1315    2 Febler 1250    9 Minor poets
- .912 **2d period** 1350-1450  
 Imitation of Neo Provençal, French and Italian, specially of Dante, Petrarch and Boccaccio. Some flashes of originality. Fra Rocaberti. Imitation of Dante
- .913 **Age of perfection** 1450-  
 From 16th century, Catalan literature merged in Spanish, tho some writers still employ idiom, e. g. 'Balaguer'  
 1 March, Ausias -1460, greatest of Catalan poets    2 Fenolla, Bernard  
 3 Jacme Roig (satiric)    4 Farrer    5 Serafi    6 Pujol    7 Garcia  
 9 Minor poets
- .93 **Catalan fiction**
- .933 **Age of perfection** 1450-  
 Joanet Martorel -1400. *Tirant lo Blanch*, a chivalric romance
- .98 **Miscellany**
- .981 **1st period** 1200-1350  
 Prose superior to poetry. Chronicles of great importance, culminating in Muntaner  
 1 James I (The Conqueror) 1213-76    2 Desclot, Bernardo    3 Muntaner, Ramon 1265-1340    4 Ximenes    9 Minor authors
- .982 **2d period** 1350-1450  
 Prose resists foren influences better than poetry. Many philosophic and theologic writings beside historical works  
 1 Tomich    2 Turell    9 Minor writers

## 850 Italian literature

850.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays, lectures and addresses on Italian literature .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History

## 851 Italian poetry

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
.06 Descriptiv .07 Satiric and humorous .08 Collections .09 History  
of Italian poetry

- .1 Early Italian Age of Dante -1375**  
To deth of Boccaccio, 1375
- .11 Protonotario, Stefano -1250  
.12 Arezzo, Guittone d' -1294  
.13 Guiccelli, Guido -1276  
.14 Cavalcanti, Guido 1260-1300  
.15 Alighieri, Dante 1265-1321  
.16 Pistoia, Cino da 1270-1336  
.17 Uberti, Fazio degli -1369  
.18 Petrarca, Francesco 1304-74  
.19 Minor poets
- .2 Period of classic learning 1375-1492**  
From deth of Boccaccio, 1375, to deth of Lorenzo il Magnifico, 1492
- .21 Frezzi, Federigo -1416  
.22 Bojardo, Matteo 1430-94  
.23 Medici, Lorenzo dei (Il Magnifico) 1448-92  
.24 Poliziano, Angelo 1454-94  
.25 Benivieni, Girolamo 1453-1542 See 852.22  
.26 Sannazzaro, Jacopo 1458-1530  
.29 Minor poets
- .3 Age of Leo the Tenth 1492-1542**  
From deth of Lorenzo il Magnifico, 1492, to convocation of council of Trent, 1542
- .31 Bembo, Pietro 1470-1547  
.32 Ariosto, Lodovico 1474-1533  
.33 Rucellai, Giovanni 1475-1526  
.34 Molza, Francesco 1483-1544 See 853.33  
.35 Tasso, Bernardo 1493-1569  
.36 Alamanni, Luigi 1495-1556  
.37 Guidiccioni, Giovanni 1500-41  
.38 Casa, Giovanni della 1503-56  
.39 Minor poets
- .4 Later 16th century 1542-85**  
From convocation of council of Trent, 1542, to pontificate of Sixtus 5, 1585
- .41 Costanzo, Angelo di 1507-91  
.42 Rota, Bernardino 1509-75  
.43 Tansillo, Luigi 1510-68  
.44 Magno, Celio 1536-1602  
.45 Guarini, Giovambattista 1537-1612  
.46 Tasso, Torquato 1544-95  
.47 Baldi, Bernardino 1553-1617  
.49 Minor poets

DECIMAL CLASSIFICATION

- 851.5 Period of decline 1585-1748**  
 From pontificate of Sixtus 5, 1585-90, to peace of Aix-la-Chapelle, 1748
- |     |                          |           |
|-----|--------------------------|-----------|
| .51 | Chiabrera, Gabriello     | 1552-1637 |
| .52 | Marini, Giovambattista   | 1569-1625 |
| .53 | Testi, Fulvio            | 1593-1646 |
| .54 | Filicaja, Vincenzo       | 1642-1707 |
| .55 | Guidi, Alessandro        | 1650-1712 |
| .56 | Manfredi, Eustachio      | 1674-1738 |
| .57 | Frugoni, Carlo Innocenzo | 1692-1768 |
| .58 | Algarotti, Francesco     | 1712-64   |
| .59 | Minor poets              |           |
- .6 Period of renovation 1748-1814**  
 From peace of Aix-la-Chapelle, 1748, to congress of Vienna, 1814
- |     |                      |           |
|-----|----------------------|-----------|
| .61 | Paradisi, Agostino   | 1736-83   |
| .62 | Mascheroni, Lorenzo  | 1750-1800 |
| .63 | Pindemonte, Ippolito | 1753-1828 |
| .64 | Monti, Vincenzo      | 1754-1828 |
| .65 | Cassi, Francesco     | 1778-1846 |
| .66 | Foscolo, Ugo         | 1779-1827 |
| .67 | Arici, Cesare        | 1782-1836 |
| .68 | Sestini, Bartolommeo | 1792-1822 |
| .69 | Minor poets          |           |
- .7 Early 19th century 1814-59**  
 From congress of Vienna, 1814, to war of Independence, 1859
- |     |                     |                      |
|-----|---------------------|----------------------|
| .71 | Berchet, Giovanni   | 1783-1851            |
| .72 | Rossetti, Gabriello | 1783-1854            |
| .73 | Manzoni, Alessandro | 1785-1873 See 853.72 |
| .74 | Marchetti, Giovanni | 1790-1852            |
| .75 | Leopardi, Giacomo   | 1798-1837            |
| .76 | Carrer, Luigi       | 1801-50              |
| .77 | Regaldi, Giuseppe   | 1809-83              |
| .78 | Prati, Giovanni     | 1815-84              |
| .79 | Minor poets         |                      |
- .8 Later 19th century 1859-1900**  
 From war of Independence, 1859, to 1900
- |     |                    |           |
|-----|--------------------|-----------|
| .81 | Aleardi, Aleardo   | 1810-78   |
| .82 | Zanella, Giacomo   | 1820-88   |
| .83 | Gnoli, Domenico    | 1839-     |
| .84 | Carducci, Giosuè   | 1835-1907 |
| .85 | Fogazzaro, Antonio | 1842-1911 |
| .86 | Rapisardi, Mario   | 1844-     |
| .87 | Guerrini, Olindo   | 1845-     |
| .88 |                    |           |
| .89 | Minor poets        |           |
- .91 Early 20th century 1901-**
- 852 Italian drama**
- |     |                            |              |                    |
|-----|----------------------------|--------------|--------------------|
| .1  | Early Italian              | Age of Dante | -1375              |
| .2  | Period of classic learning |              | 1375-1492          |
| .21 | Belcari, Feo               |              | 1410-84            |
| .22 | Poliziano, Angelo          |              | 1454-94 See 851.24 |
| .29 | Minor dramatists           |              |                    |

## LITERATURE

- 852.3 Age of Leo the Tenth 1492-1542**
- .31 Machiavelli, Niccolò 1469-1527 See also 854.31
- .32 Dovizi, Bernardo (Cardinal Bibbiena) 1470-1520
- .33 Trissino, Gian Giorgio 1478-1550
- .34 Aretino, Pietro 1492-1556
- .35 Ambra, Francesco d' -1558
- .39 Minor dramatists
- .4 Later 16th century 1542-85**
- .41 Speroni, Sperone 1500-88
- .42 Giraldi, G. B. Cinzio 1504-73 See also 853.44
- .43 Cecchi, Giovanni Maria 1517-87
- .44 Asinari, Federigo 1527-76
- .45 Porta, Giovambattista della 1538-1615
- .49 Minor dramatists
- .5 Period of decline 1585-1748**
- .51 Buonarroti, Michelangiolo jr 1564-1646
- .52 Rinuccini, Ottavio 1565-1622
- .53 Andreini, Giovambattista 1578-1650
- .54 Gigli, Girolamo 1660-1722
- .55 Zeno, Apostolo 1669-1750
- .56 Maffei, Scipione 1675-1755
- .57 Trapassi, Pietro (Metastasio) 1698-1782
- .59 Minor dramatists
- .6 Period of renovation 1748-1814**
- For Manzoni, see 851.73 and 853.72
- .61 Goldoni, Carlo 1707-73
- .62 Gozzi, Carlo 1722-1806
- .63 Capacelli Albergati, Francesco 1728-1804
- .64 Alfieri, Vittorio 1749-1803
- .65 Nota, Alberto 1775-1847
- .66 Biondi, Luigi 1776-1839
- .67 Benedetti, Francesco 1785-1821
- .69 Minor dramatists
- .7 Early 19th century 1814-59**
- .71 Niccolini, Giovambattista 1782-1861
- .72 Pellico, Silvio 1788-1854
- .73 Giacometti, Paolo 1816-81
- .74 Gherardi del Testa, Tommaso 1818-82
- .75 Ferrari, Paolo 1822-89
- .79 Minor dramatists
- .8 Later 19th century 1859-1900**
- .81 Bersezio, Vittorio 1830-1900
- .82 Cossa, Pietro 1833-82
- .83 Carrera, Valentino 1834-95
- .84 Marengo, Leopoldo 1831-99
- .85 Cavallotti, Felice 1842-98
- .86 Torelli, Achille 1844-
- .87
- .88
- .89 Minor dramatists
- .91 Early 20th century 1901-**

## 853 Italian fiction

- |     |                                   |  |                  |                 |
|-----|-----------------------------------|--|------------------|-----------------|
| .1  | <b>Early Italian</b>              | <b>Age of Dante</b>                                | <b>-1375</b>     |                 |
| .11 |                                   | "Cento Novelle Antiche" (Gualteruzzi's collection) |                  |                 |
| .12 |                                   | Barberino, Francesco da                            | 1264-1348        |                 |
| .13 |                                   | Pisa, Guido da                                     | -1350            |                 |
| .14 |                                   | Gubbio, Bosone da                                  |                  |                 |
| .15 |                                   | <b>Boccaccio, Giovanni</b>                         | 1313-75          |                 |
| .19 |                                   | Minor writers                                      |                  |                 |
| .2  | <b>Period of classic learning</b> |  | <b>1375-1492</b> |                 |
| .21 |                                   | Sacchetti, Franco                                  | -1400            |                 |
| .22 |                                   | Fiorentino, Ser Giovanni                           |                  |                 |
| .23 |                                   | Manetti, Antonio                                   | 1423-97          |                 |
| .24 |                                   | Mangabotti, Andrea dei                             |                  |                 |
| .25 |                                   | Prato, Giovanni da                                 |                  |                 |
| .29 |                                   | Minor writers                                      |                  |                 |
| .3  | <b>Age of Leo the Tenth</b>       |  | <b>1492-1542</b> |                 |
| .31 |                                   | Salernitano, Masuccio                              |                  |                 |
| .32 |                                   | Bandello, Matteo                                   | 1480-1561        |                 |
| .33 |                                   | Molza, Francesco                                   | 1483-1544        | See also 851.34 |
| .34 |                                   | Firenzuola, Agnolo                                 | 1493-1548        |                 |
| .39 |                                   | Minor writers                                      |                  |                 |
| .4  | <b>Later 16th century</b>         |  | <b>1542-85</b>   |                 |
| .41 |                                   | Grazzini, Antonfrancesco (Lasca)                   | 1503-83          |                 |
| .42 |                                   | Doni, Antonfrancesco                               | 1513-74          |                 |
| .43 |                                   | Erizzo, Sebastiano                                 | 1525-85          |                 |
| .44 |                                   | Giraldi, G. B. Cinzio                              | 1504-73          | See also 852.42 |
| .45 |                                   | Parabosco, Girolamo                                | -1560            |                 |
| .49 |                                   | Minor writers                                      |                  |                 |
| .5  | <b>Period of decline</b>          |  | <b>1585-1748</b> |                 |
| .6  | <b>Period of renovation</b>       |  | <b>1748-1814</b> |                 |
| .7  | <b>Early 19th century</b>         |  | <b>1814-59</b>   |                 |
| .71 |                                   | Rosini, Giovanni                                   | 1776-1855        |                 |
| .72 |                                   | <b>Manzoni, Alessandro</b>                         | 1785-1873        | See also 851.73 |
| .73 |                                   | Grossi, Tommaso                                    | 1791-1853        |                 |
| .74 |                                   | Guerrazzi, Francesco Domenico                      | 1804-73          |                 |
| .75 |                                   | Bresciani, Antonio                                 | 1798-1862        |                 |
| .76 |                                   | Cantù, Cesare                                      | 1807-95          |                 |
| .77 |                                   | Carcano, Giulio                                    | 1812-83          |                 |
| .78 |                                   | Azeglio, Massimo d'                                | 1800-66          |                 |
| .79 |                                   | Minor writers                                      |                  |                 |
| .8  | <b>Later 19th century</b>         |  | <b>1859-1900</b> |                 |
| .81 |                                   | Castellazzo, Luigi                                 | 1827-90          |                 |
| .82 |                                   | Barrili, Anton Giulio                              | 1836-1908        |                 |
| .83 |                                   | Capuana, Luigi                                     | 1839-            |                 |
| .84 |                                   | Verga, Giovanni                                    | 1840-            |                 |
| .85 |                                   | Faldella, Giovanni                                 | 1846-            |                 |
| .86 |                                   | Farina, Salvatore                                  | 1846-            |                 |
| .87 |                                   | Giovagnoli, Raffaele                               | 1838-            |                 |
| .88 |                                   | Serao, Matilde                                     | 1856-            |                 |
| .89 |                                   | Minor writers                                      |                  |                 |
| .91 | <b>Early 20th century</b>         |  | <b>1901-</b>     |                 |

## 854 Italian essays

- |     |                                   |                             |                  |                 |
|-----|-----------------------------------|-----------------------------|------------------|-----------------|
| .1  | <b>Early Italian</b>              | <b>Age of Dante</b>         | <b>-1375</b>     |                 |
| .11 |                                   | Cavalca, Fra Domenico       | -1342            |                 |
| .12 |                                   | Passavanti, Fra Jacopo      | -1357            |                 |
| .2  | <b>Period of classic learning</b> |                             | <b>1375-1492</b> |                 |
| .21 |                                   | Alberti, Leone Battista     | 1404-72          |                 |
| .22 |                                   | Palmieri, Matteo            | 1405-75          |                 |
| .23 |                                   | Bisticci, Vespasiano da     | 1421-98          |                 |
| .24 |                                   | Collenuccio, Pandolfo       | -1504            |                 |
| .25 |                                   | Vinci, Leonardo da          | 1452-1519        |                 |
| .29 |                                   | Minor essayists             |                  |                 |
| .3  | <b>Age of Leo the Tenth</b>       |                             | <b>1492-1542</b> |                 |
| .31 |                                   | Machiavelli, Niccolò        | 1469-1527        | See also 852.31 |
| .32 |                                   | Nardi, Jacopo               | 1476-1555        |                 |
| .33 |                                   | Castiglione, Baldassare     | 1478-1529        |                 |
| .34 |                                   | Guicciardini, Francesco     | 1482-1540        |                 |
| .35 |                                   | Giannotti, Donato           | 1494-1573        |                 |
| .36 |                                   | Giambullari, Pier Francesco | 1495-1555        |                 |
| .37 |                                   | Gelli, Giovambattista       | 1498-1563        |                 |
| .38 |                                   | Varchi, Benedetto           | 1503-66          |                 |
| .39 |                                   | Minor essayists             |                  |                 |
| .4  | <b>Later 16th century</b>         |                             | <b>1542-85</b>   |                 |
| .41 |                                   | Castelvetro, Ludovico       | 1505-71          |                 |
| .42 |                                   | Piccolomini, Alessandro     | 1508-78          |                 |
| .43 |                                   | Borghini, Vincenzo          | 1515-80          |                 |
| .44 |                                   | Davanzati, Bernardo         | 1529-1606        |                 |
| .45 |                                   | Salviati, Leonardo          | 1540-89          |                 |
| .46 |                                   | Ammirato, Scipione          | 1531-1601        |                 |
| .47 |                                   | Paruta, Paolo               | 1540-98          |                 |
| .48 |                                   | Botero, Giovanni            | 1540-1617        |                 |
| .49 |                                   | Minor essayists             |                  |                 |
| .5  | <b>Period of decline</b>          |                             | <b>1585-1748</b> |                 |
| .51 |                                   | Sarpi, Paolo                | 1550-1623        |                 |
| .52 |                                   | Galilei, Galileo            | 1564-1642        |                 |
| .53 |                                   | Bartoli, Daniele            | 1608-85          |                 |
| .54 |                                   | Dati, Carlo                 | 1619-75          |                 |
| .55 |                                   | Gravina, Giovanni Vincenzo  | 1664-1718        |                 |
| .56 |                                   | Muratori, Ludovico Antonio  | 1672-1750        |                 |
| .57 |                                   | Giannone, Pietro            | 1676-1748        |                 |
| .58 |                                   | Zanotti, Francesco Maria    | 1692-1777        |                 |
| .59 |                                   | Minor essayists             |                  |                 |
| .6  | <b>Period of renovation</b>       |                             | <b>1748-1814</b> |                 |
| .61 |                                   | Bettinelli, Saverio         | 1718-1808        |                 |
| .62 |                                   | Denina, Carlo               | 1730-1813        |                 |
| .63 |                                   | Tiraboschi, Girolamo        | 1731-94          |                 |
| .64 |                                   | Lanzi, Luigi                | 1732-1810        |                 |
| .65 |                                   | Beccaria, Cesare            | 1735-93          |                 |
| .66 |                                   | Filangeri, Gaetano          | 1752-88          |                 |
| .67 |                                   | Cesari, Antonio             | 1760-1828        |                 |
| .68 |                                   | Perticari, Giulio           | 1779-1822        |                 |
| .69 |                                   | Minor essayists             |                  |                 |

## DECIMAL CLASSIFICATION

- |              |                                   |                     |              |
|--------------|-----------------------------------|---------------------|--------------|
| <b>854.7</b> | <b>Early 19th century</b>         | <b>1814-59</b>      |              |
| .71          | Costa, Paolo                      |                     | 1771-1836    |
| .72          | Giordani, Pietro                  |                     | 1774-1848    |
| .73          | Troya, Carlo                      |                     | 1785-1859    |
| .74          | Balbo, Cesare                     |                     | 1789-1853    |
| .75          | Capponi, Gino                     |                     | 1792-1878    |
| .76          | Mamiani della Rovere, Terenzio    |                     | 1800-85      |
| .77          | Gioberti, Vincenzo                |                     | 1801-53      |
| .78          | Tommaséo, Niccolò                 |                     | 1802-74      |
| .79          | Minor essayists                   |                     |              |
| <b>.8</b>    | <b>Later 19th century</b>         | <b>1859-1900</b>    |              |
| .81          | Sanctis, Francesco de             |                     | 1818-83      |
| .82          | Bonghi, Ruggiero                  |                     | 1827-95      |
| .83          | Conti, Augusto                    |                     | 1822-1905    |
| .84          | Villari, Pasquale                 |                     | 1827-        |
| .85          | Ardigò, Roberto                   |                     | 1828-        |
| .86          | Comparetti, Domenico              |                     | 1835-        |
| .87          | Zumbini, Bonaventura              |                     | 1840-        |
| .88          | Panzacchi, Enrico                 |                     | 1841-1904    |
| .89          | Minor essayists                   |                     |              |
| <b>.91</b>   | <b>Early 20th century</b>         | <b>1901-</b>        |              |
| <b>855</b>   | <b>Italian oratory</b>            |                     |              |
| <b>856</b>   | <b>Italian letters</b>            |                     |              |
| <b>857</b>   | <b>Italian satire and humor</b>   |                     |              |
| <b>.1</b>    | <b>Early Italian</b>              | <b>Age of Dante</b> | <b>-1375</b> |
| .11          | Gemignano, Folgore da San         |                     |              |
| .12          | Chitarra, Cene dalla              |                     |              |
| .13          | Angiulieri, Cecco                 |                     |              |
| .14          | Pucci, Antonio                    |                     | -1377        |
| .19          | Minor writers                     |                     |              |
| <b>.2</b>    | <b>Period of classic learning</b> | <b>1375-1492</b>    |              |
| .21          | Burchiello, Domenico              |                     | 1395-1448    |
| .22          | Pulci, Luigi                      |                     | 1432-84      |
| .23          | Vinciguerra, Antonio              |                     |              |
| .29          | Minor writers                     |                     |              |
| <b>.3</b>    | <b>Age of Leo the Tenth</b>       | <b>1492-1542</b>    |              |
| .31          | Folengo, Teofilo (Merlin Cocai)   |                     | 1491-1544    |
| .32          | Berni, Francesco                  |                     | 1496-1535    |
| .39          | Minor writers                     |                     |              |
| <b>.4</b>    | <b>Later 16th century</b>         | <b>1542-85</b>      |              |
| .41          | Nelli, Pietro                     |                     |              |
| .42          | Beccuti, Francesco                |                     | 1509-53      |
| .43          | Caporali, Cesare                  |                     | 1531-1601    |
| .49          | Minor writers                     |                     |              |



LITERATURE

<b>857.5</b>	<b>Period of decline</b>	<b>1585-1748</b>	
.51	Tassoni, Alessandro		1565-1635
.52	Bracciolini, Francesco		1566-1645
.53	Lalli, Giovambattista		1572-1637
.54	Lippi, Lorenzo		1606-64
.55	Rosa, Salvatore		1615-73
.56	Menzini, Benedetto		1646-1704
.57	Sergardi, Ludovico		1660-1726
.58	Fortiguerra, Niccolò		1674-1735
.59	Minor writers		
<b>.6</b>	<b>Period of renovation</b>	<b>1748-1814</b>	
.61	Gozzi, Gasparo		1713-86
.62	Passeroni, Gian Carlo		1713-1803
.63	Casti, Giovambattista		1721-1803
.64	Parini, Giuseppe		1739-99
.65	Baretti, Giuseppe		1716-89
.66	Elci, Angelo Maria d'		1754-1824
.67	Pananti, Filippo		1766-1837
.69	Minor writers		
<b>.7</b>	<b>Early 19th century</b>	<b>1814-59</b>	
.71	Giusti, Giuseppe		1809-50
<b>.8</b>	<b>Later 19th century</b>	<b>1859-1900</b>	
<b>.91</b>	<b>Early 20th century</b>	<b>1901-</b>	

**858 Italian miscellany**

<b>.8</b>	<b>Later 19th century</b>	<b>1859-1900</b>	
.81	Gubernatis, Angelo de		1840-
.82	Amicis, Edmondo de		1846-1908

**859 Wallachian literature**

.1 Poetry	.2 Drama	.3 Fiction	.4 Essays	.5 Oratory	.6 Letters
.7 Satire and humor	.8 Miscellany				

**.9 Rumansh literature**

Subdivided like 859

## 860 Spanish literature

860.1 Philosophy .2 Compendis .3 Dictionaries .4 Essays .5 Periodicals  
 .6 Societies .7 Study and teaching .8 Collections .9 History

## 861 Spanish poetry

.02 Dramatic .03 Romantic and epic .04 Lyric, ballads .05 Didactic  
 .06 Descriptive .07 Satiric and humorous .08 Collections .09 History  
 of Spanish poetry

## .1 Early Spanish -1369

In 711 the Visigothic kingdom, founded in the 5th century, was overthrown by Arabs; 711-1492 Arabic period or Age of reconquest  
 Literature began in first half of 12th century. Earliest poetry, epic; subjects national, themes war and religion (861.11-12). These were followed by an erudite tendency toward classic tradition neglecting national themes (861.13 and .14) which were however revived toward the close of the period (861.15) by continued victories over Moors under Alfonso 11th, 1312-50, thereafter reaction again toward didactic (861.16). Under Alfonso the Wise, 1252-84, a general intellectual awakening, but leading to greater results in prose than in poetry. Thru him (1) Provençal (and Galician) and (2) Oriental influences were introduced. In Provençal literature chief attention was given to perfection of poetic form. The Oriental was didactic in content, symbolic in form.

## .11 Primitiv monuments

## Poema de mio Cid

- .12 Berceo, Gonzalo de 1196-1266  
 .13 Segura de Astorga, Juan Lorenzo 1250  
 .15 Yañez Ruy (Cronica del Rey Alfonso Onceno)  
 .16 Sem Tob, Rabbi 1350  
 .19 Minor poets

## .2 Age of imitation 1369-1516

Henry 2d to Carlos 1st, Charles 5th of Germany. 1479, Union of Castile and Arragon. Under Ferdinand and Isabella all Spain was brought under one scepter. Provençal and didactic tendencies continue; a third element was Italian influence. There were 3 distinct schools:

- 1 Provençal, specially influential at court  
 2 Italian (Dante) or Allegoric, introduced by Francisco Imperial, a Genoese. (Mena, 861.22)  
 3 Didactic. A protest against the Italian school in behalf of national literary traditions. (Ayala, 861.21)

- .21 Lopez de Ayala, Pedro 1332-1407  
 .22 Mena, Juan de 1411-56  
 .23 Méndoza, Iñigo Lopez de, Marqués de Santillana 1398-1458  
 .24 Manrique, Jorge 1440-79  
 .25 Los Cancioneros } Collections of poetry  
 .26 Los Romances }  
 .27 Romancero del Cid

'Romances' popular poetry, peculiar to Spain, and generally anonymous period of production, from earliest times to 18th century. Golden Age during reign of Ferdinand and Isabella, a grand reawakening coming with the fall of Granada, 1492

## .29 Minor poets

## 861.3 Golden age 1516-1700

Rule of House of Austria. Painting culminates in this period: Morales 1509-86; Coello 1515-90; Joanes 1523-79; The Herrera — 16th century; Ribera 1588-1656; Zurbaran 1598-1662; Velazquez 1599-1660; Cano 1601-67; Murillo 1618-82, etc. Fierce opposition to the Reformation intensified religious sentiment and produced a school of mystics. The sentiment of nationality became a dream of universal monarchy. The chivalric cult of woman was replaced by an exaggerated conception of female honor, the least suspicion of frailty being visited with death. Great number of poets. Nothing notable in epic; lyric very prominent; at first Italian influences more intensified, Petrarch the model. This movement, begun by Juan Boscan 1500(?)—1543, culminated in Garcilaso (861.31). The protest against this in favor of national traditions is best represented by Castillejo (861.32). Mendoza (861.36) represents a conciliation. A fusion of 2 schools follows in which the Italian wins the major influence. Thereafter appear 2 new schools:

- 1 Classic, opposed to the fusion and represented by Leon (861.33) and the Argensolas (861.34) and
- 2 Sicilian or Oriental (inspired specially by the Bible) of which Herrera (861.35) is standard bearer. First manifestations of 'bad taste' appear (founder of school, Alonso de Ledesma 1552-1623) represented by Gongora (861.37) which despised opposition (Rioja 861.38) produces rapid decadence. Bad taste consisted in artificialities, exaggerations, obscurities, etc.

.31	Vega, Garcilaso de la	1503-36
.32	Castillejo, Cristóbal de	1494-1596
.33	Leon, Luis Ponce de	1528-91
	Leon is equally important in prose	
.34	Los Argensolas: Lupercio	1563-1613
	Bartolomé Leonardo	1564-1631
.35	Herrera, Fernando de	1534-97
.36	Mendoza, Diego Hurtado de	1503-75
.37	Góngora y Argotè, Luis de	1561-1627
.38	Rioja, Francisco de	1600-59
.39	Minor poets	
.4	<b>18th century 1700-1800</b>	

At death of Carlos 2d (1700) war of succession resulted in firm establishment of house of Bourbon, which, with brief interruptions, has continued to rule. Spanish political importance lost. At opening of century complete decadence, 'bad taste' every where dominant. Attempts made to regenerate Spanish letters according to principles of French classicism. Little advance, however, till close of century, despite foundation of academies (Spanish academy, 1714) and doctrinal reform in French sense, proclaimed by Luzan (1702-54) in *La poetica*, etc. Thereafter a kind of revival. 3 schools formed:

- 1 Classic French. Moratin the elder (861.41); Cadalso (861.42); Yriarte (861.45) and Samaniego (861.44)
- 2 Antique national, protesting against introduction of French taste. Huerta (861.43)
- 3 Salamanca school, an attempt to reconcile the first 2, avoiding their extravagances and conserving what was good in each. Valdés (861.46); Iglesias (861.47); Cienfuegos (861.48); Moratin the younger (862.42) and Jovellanos (868.42). 'Prosaism' production of exaggerated opposition to Gongorism or 'bad taste' also characterizes period. Influence of French encyclopedism also manifest. Development of science checked by religious (Inquisition) and political despotism. Rich development of fables and apologues in verse. Samaniego (861.44) and Yriarte (861.45). In epic, complete poverty

.41	Moratin (the Elder), Nicolás Fernandez de	1737-80
.42	Cadalso, José de	1741-82
.43	Huerta, Vicente Antonio García de la	1734-87
.44	Samaniego, Félix María de	1745-1801
.45	Yriarte, Tomás de	1750-91
.46	Valdés, Juan Melendez	1754-1817
.47	Iglesias de la Casa, José	1748-91
.48	Cienfuegos, Nicasio Alvarez de	1764-1809
.49	Minor poets	

## 861.5 19th century 1800-1900

Abdication of Carlos 4th, 1808; Joseph 1st (Bonaparte) 1808-13. Ferdinand 7th restored. Salic law abrogated, opening succession to daughter Isabella. Carlisle insurrections (upholding Salic law) quelled. Isabella driven from throne by revolution 1868; 1870-73 Amadeo (Savoy house), 1873, Amadeo abdicates and republic proclaimed; monarchy restored with Alfonso 12th in 1875  
Age, till close of Ferdinand's reign, very unfavorable to letters. Under Carlos 4th (1788-1808) despotism reintroduced and revolution followed. Policy of Ferdinand 7th, after restoration (1813-33), retrograde. An interregnum in letters. First real awakening with Espronceda (861.52). Same fluctuations as in previous period. Romantic school introduced by Zorrilla (861.53)

.51	Quintana, Manuel José	1772-1857
.52	Espronceda, José de	1810-42
.53	Zorrilla y Moral, José	1817-90
.54.	Gutierrez, Antonio García	1812-84
.55	Gil y Zárate, Antonio	1792-1861
.56	Hartzembusch, Juan Eugenio	1806-80
.59	Minor poets	

## .6 Early 20th century 1901-

## 862 Spanish drama

## .2 Age of imitation 1369-1516

Evidences of existence of 'mysteries' but no remains

.21	Enzina, Juan del	(?)1468-1534
.22	Vicente, Gil	(?)1450-1536

## .3 Golden age 1516-1700

Drama of this period is chief glory of Spanish letters; writers show a phenomenal fecundity (at 70 'Lope' had written 1500 dramas), 30,000 dramas composed by beginning of 18th century. On opening of period Church tried to check development of profane drama, placing nearly all in the *Index*. Torres Naharro (works pub. 1517) and Lope de Rueda (d. 1567) form transition from preceding period. Latter, reputed father of national theater. Lope de Vega (862.31) real founder. Drama culminates in Calderon (862.35); thereafter decadence

.31	Vega Carpio, Lope Felix de	1562-1635
.32	Castro y Belvis, Guillen de	1567-1621
.33	Tellez, Gabriel (Tirso de Molina, pseud.)	(?)1570-1648
.34	Alarcon y Mendoza, Juan Ruiz de	(?)1580-1639
.35	Calderon de la Barca, Pedro	1600-81
.36	Rojas y Zorrilla, Francisco de	1607-
.37	Moreto y Cabaña, Agustin	1618-69
.39	Minor dramatists	

## .4 18th century 1700-1800

Complete decadence of drama in last years of old monarchy. Revival in 18th century, following French classic drama. Culminates in Moratin the younger (862.42). Opposition of National school voiced in Huerta (861.43). Discussions provoke abundant productions, fecundity rather than merit characterizing mass of writers, Comella (862.41) — Period of unrest; old ideas can not be reestablished, new can not be naturalized. For Moratin the elder, see 861.41; Huerta, 861.43

.41	Comella, Luciano Francisco	1716-79
.42	Moratin, Leandro Fernandez de	1760-1828
.43	Cruz, Ramon de la (Light comedies)	1731-95
.49	Minor dramatists	

## .5 19th century 1800-1900

Zorrilla (861.53), Gutierrez (861.54), and Rubí (862.52) represent 'romantic' movement in Spanish drama. For Gil y Zárate, see 861.55; Hartzembusch, 861.56

.51	Martinez de la Rosa, Francisco	1789-1862
.52	Rodriguez Rubí, Tomás	1817-90
.53	Bretón de los Herreros, Manuel	1796-1873
.59	Minor dramatists	

## .6 Early 20th century 1901-

## 863 Spanish fiction

- .2 **Age of imitation 1369-1516**  
Immense vogue of books of chivalry despite legislation till publication of *Don Quijote*; thereafter only one written. [First part of *Quijote* printed 1605]
- .21 Books of chivalry
- .22 **Amadis de Gaula**
- .23 *Celestina*
- .3 **Golden age 1516-1700**  
Real novel replaces old books of chivalry about 1500. 'Picaresca,' or 'rogue' novel characteristic of this period; a result of the state of society following wars of Charles 1st and Philip 2d, e. g. Mendoza's *Lazarillo de Tormes*. For Mendoza, see 861.36
- .31 Montemayor, Jorge de 1520-61
- .32 Cervantes Saavedra, Miguel de 1547-1616
- .39 Minor novelists
- .4 **18th century 1700-1800**
- .5 **19th century 1800-1900**  
For Bretón de los Herreros, see 862.53; and Rodriguez Rubí, 862.52
- .51 Larra, Mariano José de [Figaro] 1809-37
- .52 Mesonero y Romanos, Ramón de 1803-82
- .53 Arrom, Cecilia Boehl de [Fernan Caballero] 1797-77
- .59 Minor writers
- .6 **Early 20th century 1901-**

## 864 Spanish essays

## 865 Spanish oratory

Hardly any forensic and little sacred eloquence. When language and culture advanced, privileges of Cortes restrained. Sacred eloquence less employed by Spanish church than by French or English. Gongorism or 'bad taste' conquers here as elsewhere

- .1 **Early Spanish -1369**
- .2 **Age of imitation 1369-1516**
- .3 **Golden age 1516-1700**  
For Luis de Leon, see 861.33; and Luis de Granada, 868.32
- .4 **18th century 1700-1800**  
For Jovellanos, see 868.42; and Valdés, 861.46
- .5 **19th century 1800-1900**
- .51 Olozaga, Salustiano de 1803-73
- .52 Castelar, Emilio 1832-99
- .6 **Early 20th century 1901-**

## 866 Spanish letters

- .3 **Golden age 1516-1700**  
Naturalness of old times changed with majestic court and rigid etiquet of Charles 5th. For Santa Teresa, see 868.33
- .31 Avila, Juan de 1502-69
- .32 Perez, Antonio 1540-1611
- .39 Minor writers

## 867 Spanish satire

- |     |  |           |           |
|-----|--|-----------|-----------|
| .1  | Early Spanish  | -1369     |           |
|     | Ruiz, Juan (Arcipreste de Hita)                          |           | 1350      |
| .2  | Age of imitation   | 1369-1516 |           |
|     | <i>Coplas de Mingo Revulgo</i>                           |           |           |
| .3  | Golden age   | 1516-1700 |           |
|     | Quevedo Villegas, Francisco Gomez de                     |           | 1580-1645 |
| .4  | 18th century   | 1700-1800 |           |
|     | For Cadalso, see 861.42; and Moratin the younger, 862.42 |           |           |
| .41 | Jorge Pitillas (a pseudonym)                             |           |           |
| .42 | Isla, José Francisco de (el Padre)                       |           | 1703-81   |

## 868 Spanish miscellany

- |     |  |           |           |
|-----|--|-----------|-----------|
| .1  | Early Spanish  | -1369     |           |
| .11 | Alfonso 10, el Sábio   |           | 1221-84   |
| .12 | Sancho el Bravo (4th of Castile)   |           | 1258-95   |
| .13 | Manuel, Juan   |           | 1282-1347 |
| .14 | Alfonso 11   |           | 1310-50   |
| .19 | Minor writers  |           |           |
| .2  | Age of imitation   | 1369-1516 |           |
|     | General and special histories, books of travel, works cald forth by Boccaccio's <i>Corvaccio</i> , etc.  |           |           |
| .3  | Golden age   | 1516-1700 |           |
|     | Didactic prose. Considerable development, tho less than poetry, owing in great measure to political and religious restraints. 'Bad taste' manifests itself here as elsewhere. Luis de Granada, Santa Teresa, San Juan de la Cruz, Pedro de Rivadeneyra and Luis de Leon, representativs of Mystic school |           |           |
|     | For Luis de Leon, see 861.33; and Quevedo y Villegas, 867.3  |           |           |
| .31 | Mariana, Juan de, founder of Spanish history   |           | 1536-1623 |
| .32 | Granada, Luis de   |           | 1504-88   |
| .33 | Teresa de Jesús, Santa   |           | 1513-82   |
| .34 | Cruz, San Juan de la   |           | 1542-91   |
| .35 | Rivadeneira, Pedro de  |           | 1527-1611 |
| .36 | Saavedra Fajardo, Diego de   |           | 1584-1648 |
| .39 | Minor writers  |           |           |
| .4  | 18th century   | 1700-1800 |           |
|     | Under Carlos 3d (1759-88) scientific studies took a fresh start, due largely to Feijóo, who attempted intellectual emancipation of Spain. Prose advances under French influence, Gallicisms introduced   |           |           |
| .41 | Feijóo y Montenegro, Benito Jerónimo   |           | 1676-1764 |
| .42 | Jovellanos, Gaspar Melchor de  |           | 1744-1811 |
| .49 | Minor writers  |           |           |
| .5  | 19th century   | 1800-1900 |           |
|     | For Hartzembusch, J E, see 861.56  |           |           |
| .51 | Gayangos, Pascual de   |           | 1809-97   |
| .52 | Rios, José Amador de los   |           | 1818-78   |
| .53 | Milá y Fontanals, Manuel   |           | 1818-84   |
| .59 | Minor writers  |           |           |
| .6  | Early 20th century   | 1901-     |           |

## 869 Portuguese literature

- |                     |               |            |           |            |            |
|---------------------|---------------|------------|-----------|------------|------------|
| .1 Poetry           | .2 Drama      | .3 Fiction | .4 Essays | .5 Oratory | .6 Letters |
| .7 Satire and humor | .8 Miscellany |            |           |            |            |

## 870 Latin literature

- .1 Philosophy .2 Compendis .3 Dictionaries, cyclopedias .4 Essays  
 .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History  
 of Latin literature

## 871 Latin poetry in general

See Dramatic, Epic and Lyric below

- .1 Lucretius Carus, Titus  
 .2 Ovid (Publius Ovidius Naso)  
 .3 Hyginus, Caius Julius  
 .4 Faliscus, Gratius  
 .5 Manilius, Marcus  
 .6 Phaedrus  
 .7 Lucilius Junior *Aetna*  
 .8

## 872 Latin drama

- .1 Andronicus, Livius  
 .2 Naevius, Cnaeus  
 .3 Plautus, Titus Maccius  
 .4 Ennius  
 .5 Terence (Publius Terentius Afer)  
 .6 Seneca, Lucius Annaeus See also 878.5  
 .7

## 873 Latin epic poetry

- .1 Virgil (Publius Virgilius Maro)  
 .2 Lucanus, Marcus Annaeus  
 .3 Flaccus, Caius Valerius  
 .4 Silius Italicus, Caius  
 .5 Statius, Publius Papinius  
 .6

## 874 Latin lyric poetry

- .1 Catullus, Tibullus and Propertius  
 .2 Catullus, Valerius  
 .3 Tibullus, Albius  
 .4 Propertius, Sextus Aurelius  
 .5 Horace (Quintus Horatius Flaccus) See also 877.3  
 .6 Calpurnius Siculus  
 .7

## 875 Latin oratory

- .1 **Cicero, Marcus Tullius: complete works**  
For Cicero's letters see 876.1
- .2 Orations
- .3 Rhetorical works
- .4 Philosophic works See also 186.3
- .5 **Messala Corvinus, Marcus Valerius**
- .6 **Quintilian (Marcus Fabius Quintilianus)**
- .7

## 876 Latin letters

- .1 **Cicero, Marcus Tullius** For his other works see 875.1-875.4
- .2 **Pliny (Caius Plinius Caecilius Secundus)**
- .3 **Fronto, Marcus Cornelius**
- .4

## 877 Latin satire and humor

- .1 **Lucilius, Caius**
- .2 **Cato, Valerius**
- .3 **Horace** See 874.5
- .4 **Persius Flaccus, Aulus**
- .5 **Petronius Arbiter, Caius**
- .6 **Martial (Marcus Valerius Martialis)**
- .7 **Juvenal (Decimus Junius Juvenalis)**

## 878 Latin miscellany

- .1 **Caesar, Caius Julius**
- .2 **Sallust (Caius Sallustius Crispus)**
- .3 **Nepos, Cornelius**
- .4 **Livy (Titus Livius Patavinus)**
- .5 **Seneca, Lucius Annaeus** See also 872.6 and 188.6
- .6 **Tacitus, Caius Cornelius**
- .7 **Suetonius Tranquillus, Caius**
- .8 **Curtius Rufus, Quintus**
- .9 **Minor writers**

## 879 Medieval and modern Latin

Subdivided like 820. .1 Poetry .2 Drama .3 Fiction .4 Essays .5 Oratory  
.6 Letters .7 Satire and humor .8 Miscellany



## 880 Greek literature

Classic literature

- .1 Philosophy .2 Compendis .3 Dictionaries .4 Essays on Greek literature  
 .5 Periodicals .6 Societies .7 Study and teaching .8 Collections .9 History  
 of Greek literature

## 881 Greek poetry in general

See Dramatic, Epic, and Lyric, below

- .1 Theognis  
 .2 Aratus  
 .3 Lycophron  
 .4 Babrius

## 882 Greek dramatic poetry

- .1 Æschylus  
 .2 Sophocles  
 .3 Euripides  
 .4 Aristophanes  
 .5 Epicharmus  
 .6 Menander

## 883 Greek epic poetry

- .1 Homer  
 .2 Hesiod  
 .3 Apollonius Rhodius  
 .4 Oppian  
 .5 *Orphic poems*

## 884 Greek lyric poetry

- .1 Tyrtaeus  
 .2 Sappho  
 .3 Anacreon  
 .4 Simonides of Ceos  
 .5 Pindar  
 .6 Theocritus  
 .7 Bion  
 .8 Callimachus  
 .9 Minor Greek lyric poets

## 885 Greek oratory

- .1 Andocides
- .2 Lysias
- .3 Isaeus
- .4 Isocrates
- .5 Æschines
- .6 Demosthenes
- .7 Hyperides
- .8 Lycurgus
- .9 Minor Greek orators

## 886 Greek letters

- .1 Themistocles
- .2 Alciphron
- .3 Phalaris

## 887 Greek satire and humor

For comedies of Aristophanes see 882.4

- .1 Archilochus
- .2 Simonides of Samos
- .3 Hipponax

## 888 Greek miscellany

- .1 Herodotus
- .2 Thucydides
- .3 Xenophon
- .4 Plato See also 184.1 Platonic philosophy
- .5 Aristotle See also 185.1 Aristotelian philosophy  
Or if prefer, the works of Plato and Aristotle may be put in 184.1 and 185.1
- .6 Æsop
- .7 Lucian
- .8 Plutarch See also 186.2
- .9 Minor writers

## 889 Medieval and modern Greek

.1 Poetry .2 Drama .3 Fiction .4 Essays .5 Oratory .6 Letters  
.7 Satire and humor .8 Miscellany

## 890 Literature of minor languages

Subdivided like 490, Philology of minor languages. If wish 1 Poetry; 2 Drama, etc., can be used after the language number; e. g. Russian drama is 891.72, Hebrew poetry 892.41, Bengali poetry 891.441

# History

## 900 History in general

901-909 all have *History in general* as their subject, but it is treated in these various forms. A periodical on English history goes with 942, not 905, which is only for periodicals on history in general. Naught (0) in any class number in any part of the classification shows the subject to be general, not specific

901 Philosophy, theories, etc. History of civilization

902 Compends, chronologies, charts, outlines  
For chronology as a science, see 529

903 Dictionaries, cyclopedias, etc.

904 Essays, lectures, addresses

905 Periodicals, historical magazines

906 Societies, transactions, etc.

907 Education, methods of teaching, writing, etc.  
See also 371.3

908 Polygraphy, collected works, extracts, etc.

909 Universal and general modern histories

For general Ancient histories, see 930

.1 A. D. 476-1199 .5 1500-1599

.2 1200-1299 .6 1600-1699

.3 1300-1399 .7 1700-1799

.4 1400-1499 .8 1800-1899

## 910 Geography and travels

Including topography, maps, antiquities, descriptions, etc.

For map projection, see 526.9. See also 310 Statistics, 390 Customs and costumes

For directories, guidebooks, gazetteers, etc. of special countries or geographic sections. see under those sections, 914-919

.1

.2 Traveler's manuals, guidebooks

.3 Dictionaries, gazetteers

.4 Circumnavigations, ocean travel, shipwrecks and disasters, piratic adventures

.5 Periodicals

.6 Societies

.7 Study and teaching of geography: school map drawing

For primary teaching of geography see 372.89

.8 Collections of travels, etc.

.9 History of geography, travels, explorations, etc.

911 Historic Growth and changes in political divisions, etc. Subdivided like 930-999

912 <sup>Historical Modern</sup> Maps, atlases, plans of cities, etc.  
Subdivided like 930-999

913 Antiquities, archeology, of special countries

See also 220.93 Biblical antiquities; 340.3 Legal antiquities; 571 Prehistoric archeology; 930 Ancient history; 390 Special customs. 913 is divided like 930-999. Note that this 3 is not the ancient history 3. Keltic antiquities are 913.36, not 913.6, which is African

3 *ancient*  
4 *modern*  
9

914 Europe

914-919 is subdivided like 940-999. Whenever these main geographic headings occur they may be subdivided exactly like History. The full list of subheds is printed only under 940-999. In assigning numbers to travels, use the history tables, *insert 1 after the initial 9*, and move the decimal point; e. g. Guide to N. Y. city is 917.471, for N. Y. city in history tables is 974.71

915 Asia

916 Africa

917 North America

918 South America

919 Oceanica and Polar regions

## 920 Biography

Including autobiography, diaries, personal narrativs, eulogies, biographic dictionaries, etc. All biography is here group together under the main classes, and subdivided in the same way with the variations indicated below for Philosophy, Theology, and Sociology, i. e. the biography of science is divided like science itself, see 500-599. Lives of chemists are 925.4; of botanists, 925.8; of sailors, 926.56; of actors, 927.92; of the inventor of hard rubber, 926.78, etc. The rule is to give each life the number of the subject it illustrates most, or to the student of which it will be most useful.

Another plan is to scatter biography with the other books, leaving 920-928 blank, or using them only for general works, cross references, etc. This simply omits the first 2 figures 92, and the life of a botanist is 580 insted of 925.8, and goes with botanic books

Lives which will not go under any hed without 'forcing' are best put in a single alfabet under the 3 figures 920 for men and under 920.7 for women

## General and collectiv by localities

Including only collected lives too general to go under any subject heading

- .01 Universal
- .02 Partial collections not limited to any special country or subject
- .03 Ancient
- .04 Of Europe
- .05 " Asia
- .06 " Africa
- .07 " North America
- .08 " South America
- .09 " Oceanica

913 32  
914 4  
914 412  
Egypt  
Modern  
England

- 920 Individual and collectiv by subjects
- .1 Bibliografers
  - .2 Librarians
  - .3 Encyclopedists
  - .4 Publishers Booksellers
  - .5 Journalists
  - .6 Academicians
  - .7 Women Collected, and individual lives not clearly going with any subject
  - .8 Eccentrics, cranks, fools, insane, etc. See also 132.1 Insanity
  - .9 Other special classes not included in 921-928, e. g. phrenologists, somnambulists, mindreaders, magicians, etc.
- 921 Of philosophy
- .1 American
  - .2 English Scotch
  - .3 German
  - .4 French
  - .5 Italian
  - .6 Spanish
  - .7 Slavic
  - .8 Scandinavian and other modern
  - .9 Ancient Oriental Patristic Scholastic See 180-189
- 922 Of religion: clergy, missionaries, preachers  
922.1-922.88 may be subdivided for nationality like 930-999
- .1 Primitiv apostles, fathers, etc. oriental, Greek, Russian  
See 225.92 New Testament biography
  - .2 Roman catholic: popes, cardinals, etc.
  - .21 Lives of popes
  - .3 Anglican and protestant episcopal
  - .4 Continental protestant: Lutheran, Huguenot
  - .5 Presbyterian and congregational
  - .6 Baptist
  - .7 Methodist
  - .8 Unitarian, universalist and other
  - .81 Unitarian Universalist
  - .82 Campbellite
  - .83 Adventist
  - .84 New church or Swedenborgian
  - .85 Catholic apostolic
  - .86 Quaker
  - .87 Mennonite
  - .88 Shaker
  - .89 Other minor Christian sects

DECIMAL CLASSIFICATION

- 922.9 Ethnic and other  
 .91 Atheists  
 .92  
 .93  
 .94 Brahman Buddhist  
 .95 Parsee  
 .96 Jews  
 .97 Mohammedan  
 .98 Mormon  
 .99 Minor nonchristian religions

923 Of sociology

923.1-923.8 may be subdivided for nationality, as in 930-999; e. g. the life of an English king is 923.142; of a Russian czar, 923.147; of a Chinese general, 923.551

- .1 Chief rulers: kings, queens, emperors, presidents  
 .2 Political science: legislativ dep't, governors, politicians, statesmen, nobles, etc. For slaves, see 326.92  
 .3 Political economy: bankers, capitalists, financiers  
 .4 Law: judiciary dep't, lawyers, judges  
 .41 Criminals  
 .5 Administration: army and navy, civil servis  
 .6 Associations and institutions Philanthropists, etc.  
 .7 Education: teachers, school offisers, educators  
 .8 Commerce and communication: railway officials, merchants, etc.  
 .9 Manners and customs: society, travelers, discovery

- 924 Of philology  
 925 " science  
 926 " useful arts  
 927 " fine arts  
 928 " literature

See note under 920 about subdividing. It is seldom wise to use more than 4 figures, unless in a large specia. collection; e. g. in a music library, lives of pianists may be separated as 927.86. Professors known as special-ists go with the subject taught rather than with teach-ers; e. g. a professor of geology 925.5; but if more prominent as an educator than as a geologist he goes in 923.7

In adding figures for the subdivisions of literature, as in 810-890, historians are put with miscellaneous authors as 8, i. e. Gibbon's life is 928.28; 928.31 is life of a Ger-man poet, and 928.691 is life of a Portuguese poet

- 929 **Genealogy and heraldry**
- .1 **Genealogies**
  - .2 Families
  - .3 Registers of births, baptisms, marriages, deaths
  - .4 Names of persons and places
  - .5 Epitafs
  - .6 **Heraldry**
  - .7 **Peerage, precedence, titles of honor Royal houses**
  - .71 **Orders of Knighthood**
  - .711 St John of Jerusalem
  - .712 Templars
  - .713 Teutonic knights
  - .714 Garter
  - .715 Golden Fleece
  - .716 Holy Ghost
  - .717
  - .718
  - .719
  - .72 **Great Britain and Ireland**
  - .721 Peerage Royal houses
  - .722 Baronetage
  - .723 Knightage
  - .724 Dignities, precedence
  - .725 Landed gentry
  - .726 Visitations Alfabeted by counties
  - .73 Germany
  - .74 France
  - .75 Italy
  - .76 Spain
  - .77 Russia
  - .78 Scandinavia
  - .79 **Minor countries**  
Divided like 949; minor countries outside Europe are put together in 929.799
  - .8 **Coats of arms, crests**
  - .9 **Flags**
- 930 **Ancient history** 476 A.D.
- 931 China
  - 932 Egypt
  - 933 Judea
  - 934 India

DECIMAL CLASSIFICATION

935 Medo-Persia

- .1 Chaldaea
- .2 Assyria Nineveh
- .3 Media
- .4 Babylonia
- .5 Persia
- .6 Parthia
- .7 New Persian or Sassanian
- .8 Mesopotamia
- .9 Susiana

936 Kelts

937 Rome Italy

Period divisions

- |     |  |         |                 |
|-----|--|---------|-----------------|
| .01 | Kings  | 753-509 | B. C.           |
| .02 | Republic                                       | 509- 31 | "               |
| .03 | Conquest of Italy                              | 509-264 | "               |
| .04 | Punic wars                                     | 264-146 | "               |
| .05 | Civil strife                                   | 146- 31 | "               |
| .06 | Empire   | 31      | B. C.-476 A. D. |
| .07 | Constitutional                                 | 31      | " -284 "        |
|     | Augustus—Illyrian emperors                     |         |                 |
| .08 | Absolute                                       | 284-476 | "               |
| .09 | Division of empire                             | 395-476 | "               |
|     | Barbarian conquests and fall of western empire |         |                 |

Geografic divisions

- .1 Liguria
- .2 Gallia Cisalpina
- .3 Venetia Istria
- .4 Umbria Picenum Sabini, etc.
- .5 Etruria
- .6 Latium, Rome
- .7 Southern Italy: Campania, Samnium, Apulia, etc.
- .8 Sicily, Syracuse
- .9 Sardinia Corsica

938 Greece

Period divisions

- |     |                              |         |                 |
|-----|------------------------------|---------|-----------------|
| .01 | Mythical age                 | -776    | B. C.           |
| .02 | Growth of states             | 775-500 | "               |
| .03 | Persian wars Union of Greece | 500-479 | "               |
| .04 | Athenian supremacy           | 479-431 | "               |
| .05 | Peloponnesian war            | 431-404 | "               |
| .06 | Spartan and Theban supremacy | 404-362 | "               |
| .07 | Macedonian supremacy         | 362-323 | "               |
| .08 | Roman conquest of Greece     | 323-146 | "               |
| .09 | Greek subjection             | 146     | B. C.-323 A. D. |

Byzantine empire is put 949.5



## Geografic divisions of Greece

- 938.1 Macedonia
- .2 Thessaly Epirus
- .3 Acarnania Ætolia Locris Doris Phocis Ithaca
- .4 Boeotia Megaris Euboea
- .5 Attica
- .6 Peloponnesus
- .7 Corinthia Achaia
- .8 Elis Arcadia Argolis
- .9 Messenia Laconia Sparta
- 939 Minor countries
- .1 Grecian archipelago
- .11 Northern ilands: Thasos, Lemnos, etc. .12 Lesbos .13 Chios, etc. .14 Samos, etc. .15 Cyclades .16 Rhodes, etc. .17 Carpathos .18 Crete
- .2 Western Asia Minor
- .21 Mysia, Troas .22 Lydia .23 Ionia .24 Caria
- .25 Bithynia .26 Phrygia .27 Pisidia .28 Lycia
- .29 Pamphylia
- .3 Eastern Asia Minor
- .31 Paphlagonia .32 Galatia .33 Pontus .34 Cappadocia
- .35 Cilicia .36 Commagene .37 Cyprus
- .4 Syria
- .41 Upper Syria .42 Coele Syria .43 Palmyra .44 Phenicia, Tyre .45 Palestine: Hittites, Philistines, etc. .46 Edom, Moab, Bashan, etc. .47 Arabia .48 Arabia Petraea, Sinai
- .5 Northwestern Asia
- .51 Scythia .52 Sarmatia Asiatica .53 Colchis .54 Iberia
- .55 Armenia .56 Albania
- .6 South Central Asia
- .61 Sogdiana .62 Hyrcania .63 Margiana .64 Bactriana
- .65 Ariana
- .7 Minor African countries
- .71 Mauritania .72 Numidia .73 Africa Propria, Carthage
- .74 Syrtica Regio .75 Cyrenaica .76 Marmarica .77 Libya, Gaetulia .78 Aethiopia
- .8 Southeastern Europe
- .81 Sarmatia Europa .82 Dacia .83 Vindelicia .84 Rhaetia
- .85 Noricum .86 Pannonia .87 Illyria .88 Moesia
- .89 Thracia

# Modern history

## 940 Europe

From the fall of Western empire (Rome) A. D. 476

- |      |  |           |
|------|--|-----------|
| .1   | <b>Medieval Europe</b>                                       | 476-1453  |
|      | For Byzantine empire see 949.5                               |           |
| .2   | <b>Rise of new nations</b>                                   | 476-800   |
| .3   | <b>Age of feudalism</b>                                      | 800-1100  |
|      | See also 321.3 Feudalism (political science)                 |           |
|      | Charlemagne 768-814  |           |
|      | Norman conquests   |           |
| .4   | <b>Age of chivalry</b>                                       | 1100-1453 |
|      | The crusades To fall of Eastern empire (Constantinople) 1453 |           |
|      | For church history see 270.4-270.5                           |           |
| .5   | <b>Modern Europe</b>   | 1453-     |
| .6   | <b>Renaissance period</b>                                    | 1453-1517 |
|      | Discoveries and inventions                                   |           |
| .7   | <b>Age of the Reformation</b>                                | 1517-1789 |
|      | The 30 years war 1618-48                                     |           |
| .8   | <b>Napoleonic period</b>                                     | 1789-1815 |
| .9   | <b>Current history</b>                                       | 1815-     |
| .91  | <b>19th to century</b>                                       | 1815-     |
| .911 | <b>19th century</b>  | 1815-99   |
| .912 | <b>20th century</b>  | 1900-99   |
| .913 | <b>European war</b>  | 1914-     |

## 941 Scotland

### Period divisions

- |     |                                 |           |
|-----|---------------------------------|-----------|
| .01 | Gaelic period                   | -1097     |
| .02 | English period                  | 1097-1314 |
|     | Struggle for national freedom   |           |
| .03 | Independent kingdom             | 1314-1424 |
| .04 | The Jameses                     | 1424-1557 |
| .05 | Reformation                     | 1557-1603 |
| .06 | Union of crowns and parliaments | 1603-1707 |
| .07 | Hanover                         | 1707-1837 |
| .08 | Later Hanoverian                | 1837-     |
| .09 |                                 |           |

### Geografic divisions

- |    |                               |                |               |                |
|----|-------------------------------|----------------|---------------|----------------|
| .1 | <b>Northern Scotland</b>      |                |               |                |
|    | .11 Shetland                  | .12 Orkney     | .13 Caithness | .14 Sutherland |
|    | .15 Cromarty                  | .16 Ross       | .17 Hebrides  |                |
| .2 | <b>North central Scotland</b> |                |               |                |
|    | .21 Inverness                 | .22 Nairn      | .23 Elgin     | .24 Banff      |
|    | .25 Aberdeen                  | .26 Kincardine |               |                |
| .3 | <b>South central Scotland</b> |                |               |                |
|    | .31 Forfar                    | .32 Perth      | .33 Fife      | .34 Kinross    |
|    | .35 Clackmannan               | .36 Sterling   | .37 Dumbarton | .38 Argyll     |
|    |                               |                | .39 Bute      |                |

941.4 Southern Scotland

- |                         |                           |              |                           |
|-------------------------|---------------------------|--------------|---------------------------|
| .41 Renfrew             | .42 Ayr                   | .43 Lanark   | .44 Linlithgow, Edinburgh |
| .45 Haddington, Berwick | .46 Peebles, Selkirk      | .47 Roxburgh | .48 Dumfries              |
|                         | .49 Kirkcudbright, Wigton |              |                           |

941.5 Ireland

Period divisions

- |      |                                 |           |
|------|---------------------------------|-----------|
| .51  | Early history                   | -1086     |
| .52  | Separate kingdoms               | 1086-1172 |
|      | Conquest by Henry 2             |           |
| .53  | Plantagenet                     | 1172-1399 |
| .54  | Lancaster and York              | 1399-1485 |
| .55  | Tudors                          | 1485-1603 |
| .56  | Stuarts                         | 1603-91   |
|      | Closing with treaty of Limerick |           |
| .57  | Hanover                         | 1691-1801 |
|      | Closing with the union          |           |
| .58  | 19th century                    | 1801-1900 |
| .591 | Early 20th century              |           |

Geografic divisions

.6 Ulster

- |            |                 |              |               |
|------------|-----------------|--------------|---------------|
| .61 Antrim | .62 Londonderry | .63 Donegal  | .64 Tyrone    |
| .65 Down   | .66 Armagh      | .67 Monaghan | .68 Fermanagh |
| .69 Cavan  |                 |              |               |

.7 Connaught

- |             |           |          |            |               |
|-------------|-----------|----------|------------|---------------|
| .71 Leitrim | .72 Sligo | .73 Mayo | .74 Galway | .75 Roscommon |
|-------------|-----------|----------|------------|---------------|

.8 Leinster

- |                          |                     |                |
|--------------------------|---------------------|----------------|
| .81 Longford, West Meath | .82 Meath, Louth    | .83 Dublin     |
| .84 Wicklow              | .85 Kildare         | .86 King's co. |
| .87 Queen's co.          | .88 Carlow, Wexford | .89 Kilkenny   |

.9 Munster

- |               |               |           |              |
|---------------|---------------|-----------|--------------|
| .91 Waterford | .92 Tipperary | .93 Clare | .94 Limerick |
| .95 Cork      | .96 Kerry     |           |              |

942 England

Including works on Great Britain

Period divisions

For specially minute work the 6th figure printed for each soverain may be used; e. g. Henry 7 is 942.051

.01 Anglo-Saxon

B. C. 55-A. D. 1066

Prehistoric, Roman, British, Danish

.02 Norman

1066-1154

- |             |         |             |           |           |
|-------------|---------|-------------|-----------|-----------|
| 1 William 1 | 1066-87 | 2 William 2 | 1087-1100 | 3 Henry 1 |
| 1100-35     |         | 4 Stephen   | 1135-54   |           |

.03 Plantagenet

1154-1399

- |           |         |             |           |             |           |
|-----------|---------|-------------|-----------|-------------|-----------|
| 1 Henry 2 | 1154-80 | 2 Richard 1 | 1180-99   | 3 John      | 1190-1216 |
| 4 Henry 3 | 1216-72 | 5 Edward 1  | 1272-1307 | 6 Edward 2  |           |
| 1307-27   |         | 7 Edward 3  | 1327-77   | 8 Richard 2 | 1377-99   |

DECIMAL CLASSIFICATION

England: period divisions

- 942.04 **Lancaster and York** 1400-85  
 1 Henry 4 1399-1413 2 Henry 5 1413-22 3 Henry 6 1422-61 4 Edward 4 1461-83 5 Edward 5 1483 6 Richard 3 1483-85
- .05 **Tudor** 1485-1603  
 1 Henry 7 1485-1509 2 Henry 8 1509-47 3 Edward 6 1547-53 4 Mary 1553-58 See also 272.6 5 Elizabeth 1558-1603 See also 272.7
- .06 **Stuart** 1603-1714  
 1 James I 1603-25 2 Charles I 1625-49 3 Commonwealth 1649-53 4 Oliver Cromwell 1653-58 5 Richard Cromwell 1658-59 6 Charles 2 1660-85 7 James 2 1685-88 8 William 3 1689-1702 9 Anne 1702-14
- .07 **Hanover** 1714-1837  
 1 George I 1714-27 2 George 2 1727-60 3 George 3 1760-1820 4 George 4 1820-30 5 William 4 1830-37
- .08 **Later Hanoverian** 1837-  
 1 Victoria 1837-1901 2 Edward 7 1901-10 3 George 5 1910-

Geographic divisions

- .1 **Middlesex London**
- .2 **Southeastern**  
 .21 Surrey .23 Kent .25 Sussex .27 Hants .28 Isle of Wight .29 Berks
- .3 **Southwestern**  
 .31 Wilts .33 Dorset .34 Channel islands .35 Devon .37 Cornwall .38 Somerset
- .4 **West Midland**  
 .41 Gloucester .43 Monmouth .44 Hereford .45 Salop .46 Stafford .47 Worcester .48 Warwick
- .5 **North and South Midland**  
 .51 Derby .52 Notts .53 Lincoln .54 Leicester, Rutland .55 Northampton .56 Huntington, Bedford .57 Oxford, Buckingham .58 Hertford .59 Cambridge
- .6 **Eastern**  
 .61 Norfolk .64 Suffolk .67 Essex
- .7 **Northwestern and Yorkshire**  
 .71 Cheshire .72 Lancashire .74 Yorkshire
- .8 **Northern**  
 .81 Durham .82 Northumberland .85 Cumberland .88 Westmoreland .89 Isle of Man
- .9 **Wales**  
 .91 Anglesey .92 Carnarvon, Merioneth .93 Denbigh, Flint .94 Montgomery .95 Cardigan .96 Radnor, Brecknock .97 Glamorgan .98 Carmarthen .99 Pembroke

## 943 Germany and Austria

## Period divisions

- .01 **Formativ period**  
 Wars with Rome Charlemagne 800-814 Louis I 814-840  
 Lothaire I 840-843
- .02 **Empire before the reformation**  
 1 Carolingian 843-911: Louis 2 843-876 Charles 2 876-877  
 Charles 3 877-887 Arnulf 887-899 Louis 3 900-911  
 2 House of **Franconia**: Conrad I 911-918 House of **Saxony**,  
 919-1024: Henry I 919-936 Otto I 936-973 Otto 2 973-983  
 Otto 3 983-1002 Henry 2 1002-24  
 3 House of **Franconia** 1024-1125: Conrad 2 1024-39 Henry 3  
 1039-56 Henry 4 1056-1106 Henry 5 1106-25 House of  
**Saxony**: Lothaire 2 1125-37  
 4 House of **Hohenstaufen** 1137-97: Conrad 3 1138-52 Fred-  
 erick I 1152-90 Henry 6 1190-97  
 5 House of **Hohenstaufen** and **Interregnum** 1198-1272: Philip  
 1198-1208 Otto 4 1208-12 Frederick 2 1212-50 Conrad 4  
 1250-54 William of Holland 1254-56 Richard of Cornwall  
 1256-72  
 6 Houses of **Hapsburg**, **Luxemburg**, etc. 1273-1378: Rodolph I  
 1273-91 Adolphus 1291-98 Albert I 1298-1308 Henry 7  
 1308-13 Louis 4 1313-47 Charles 4 1347-78  
 7 **Interregnum** 1378-1437: Wenceslaus 1378-1400 Rupert  
 1400-10 Sigismund 1410-37  
 8 Albert 2 1438-39 Frederick 3 1440-93  
 9 Maximilian I 1493-1519
- .03 **Reformation to 1618** 1517-1618  
 1 Charles 5 1519-1556 2 Ferdinand I 1556-64 3 Maxi-  
 milian 2 1564-76 4 Rodolph 2 1576-1612 5 Matthias  
 1612-19
- .04 **Disintegration** 1618-1705  
 1 Thirty years' war 1618-48 2 Ferdinand 2 1619-37 3 Fer-  
 dinand 3 1637-57 4 Leopold I 1658-1705
- .05 **Rise of Prussia** 1705-89  
 1 Joseph I 1705-11 2 Charles 6 1711-40 3 1740-42  
 4 Charles 7 1742-45 5 Francis I 1745-65 6 *Seven years war*  
 1756-63 7 Joseph 2 1765-90
- .06 **Napoleonic wars** 1789-1815  
 Leopold 2 1790-92 Francis 2 1792-1806 Confederation of  
 the Rhine 1806-15
- .07 **Reorganization** 1815-66
- .08 **New German empire** 1866-  
 1 North German confederation 1866-71 2 Franco-German war  
 1870-71 3 William I 1871-88 4 Frederick 1888 Wil-  
 liam 2 1888-

## Geographic divisions of Germany and Austria

- 943.1 Prussia and Northern Germany  
 .11 East Prussia .12 West Prussia .13 Posen .14 Silesia  
 .15 Brandenburg .16 Pomerania .17 Mecklenburg and  
 Lubeck .18 Prussian Saxony .19 Anhalt
- .2 Central Germany  
 .21 Saxony .22 Thuringia .23 Saxe-Weimar .24 Saxe-  
 Altenburg .25 Saxe-Gotha-Coburg .26 Saxe-Meiningen  
 .27 Schwartzburg .28 Reuss
- .3 Bavaria  
 .31 Upper Franconia .32 Middle Franconia .33 Lower  
 Franconia .34 Upper Palatinate .35 Lower Bavaria  
 .36 Upper Bavaria .37 Suabia
- .4 Southern Germany  
 .41 Hesse Darmstadt .42 Rhenish Prussia .43 Rhenish  
 Bavaria .44 Alsace .45 Lorraine .46 Baden .47 Wurtem-  
 burg .48 *Black Forest* and *Danube* .49 Hohenzollern
- .5 Northwest Germany  
 .51 Schleswig-Holstein and Hamburg .52 Oldenburg and  
 Bremen .53 Hanover .54 Brunswick .55 Lippe .56 West-  
 phalia .57 Waldeck .58 Hesse-Nassau
- 943.6 Austria  
 .61 Lower Austria .62 Upper Austria .63 Salzburg .64 Tyrol  
 .65 Styria .66 Carinthia .67 Carniola .68 Istria .69 Dal-  
 matia
- .7 Bohemia, etc.  
 .71 Bohemia .72 Moravia .73 Silesia .74 Galicia  
 .75 Bukowina
- .8 Poland Including history before the division
- .9 Hungary, etc.  
 .91 Hungary .92 Transylvania .93 Slavonia .94 Croatia,  
 Fiume .95 Bosnia .96 Herzegovina

## 944 France

## Period divisions

- .01 Early history -987  
 Ancient Kelts -59 B. C. Roman dominion 59 B. C.-418 A. D.  
 Merovingian dynasty 428-752 Carolingian 752-987
- .02 Capet and Valois 987-1589  
 House of Capet  
 1 Hugh Capet 987-996 Robert 2 996-1031 Henry 1  
 1031-60  
 2 Philip 1 1060-1108 Louis 6 1108-37 Louis 7 1137-80  
 3 Philip 2 1180-1223 Louis 8 1223-26 Louis 9 1226-70  
 4 Philip 3 1270-85 Philip 4 1285-1314 Louis 10 1314-16  
 John 1 1316 Philip 5 1316-22 Charles 4 1322-28  
 House of Valois  
 5 Philip 6 1328-50 John 2 1350-64 Charles 5 1364-80  
 6 Charles 6 1380-1422 Charles 7 1422-61  
 7 Louis 11 1461-83 Charles 8 1483-98 Louis 12 1498-1515  
 House of Angoulême  
 8 Francis 1 1515-47 Henry 2 1547-59  
 9 Francis 2 1559-60 Charles 9 1560-74 Henry 3 1574-89

214 40  
944 20

- 941.03 Bourbon 1589-1789  
 1 Henry 4 1589-1610 2 Louis 13 1610-43 3 Louis 14  
 1643-1715 4 Louis 15 1715-74 5 Louis 16 1774-89
- .04 Revolution 1789-1804  
 1 National assembly 1789-92 2 First republic 1792-99: 3 Con-  
 vention 1792-95 4 Reign of terror, May 1793-July 1794  
 5 Directory 1795-99 6 First consulate, Napoleon 1799-1804
- .05 First empire 1804-1815  
 Napoleon I 1804-14 Louis 18 1814-15 The hundred days  
 March 20-June 29, 1815
- .06 Restoration 1815-1848  
 1 Louis 18 1815-24 2 Charles 10 1824-30 3 Louis Philippe  
 1830-48
- .07 Second republic and second empire 1848-1870  
 Revolution of 1848 Second republic, Louis Napoleon, pres.  
 1848-52 Napoleon 3 1852-70
- .08 Third republic 1870-  
 Franco-German war, Government of national defense 1870-71  
 National assembly 1871 Presidency of Thiers 1871-73  
 McMahon 1873-79 Grévy 1879-87 Sadi-Carnot 1887-94  
 Casimir Périer 1894-95 Faure 1895-99 Loubet 1899-1906  
 Fallières 1906-13 Poincaré 1913-

Geographic divisions of France

- .1 Brittany Maine Anjou  
 .11 Finistère .12 Côtes du Nord .13 Morbihan .14 Loire  
 Inférieure .15 Ille et Vilaine .16 Maine: Mayenne  
 .17 Sarthe .18 Anjou: Maine et Loire
- .2 Normandy Picardy  
 .21 Manche .22 Calvados .23 Orne .24 Eure .25 Seine  
 Inférieure .26 Picardý: Somme .27 Artois: Pas de Calais  
 .28 Nord
- .3 Champagne Ile de France Lorraine  
 .31 Ardennes .32 Marne .33 Aube Haute Marne .34 Ile  
 de France: Aisne .35 Oise .36 Seine et Oise, Paris  
 .37 Seine et Marne .38 Lorraine: Meuse, Moselle  
 .39 Meurthe, Vosges
- .4 Burgundy Franche Comté Savoy  
 .41 Yonne .42 Côte d'Or .43 Saône et Loire .44 Ain  
 .45 Franche Comté: Haute Saône, Belfort .46 Doubs .47 Jura  
 .48 Savoy: Savoie .49 Haute Savoie
- .5 Orléans, etc. Auvergne  
 .51 Eure et Loir .52 Loiret .53 Loir et Cher .54 Touraine:  
 Indre et Loir .55 Berry: Indre, Cher .56 Nivernais:  
 Nièvre .57 Bourbonnais: Allier .58 Lyonnais: Loire,  
 Rhône .59 Auvergne: Puy de Dôme, Cantal
- .6 Poitou Limousin  
 .61 Vendée .62 Deux Sèvres .63 Vienne .64 Charente  
 Inférieure .65 Charente .66 Limousin: Haute Vienne  
 .67 Corrèze .68 Marche: Creuse

DECIMAL CLASSIFICATION

France: geographic divisions

- 944.7 **Guienne Gascony**  
 .71 Gironde .72 Dordogne .73 Lot .74 Aveyron .75 Tarn  
 et Garonne .76 Lot et Garonne .77 **Gascony:** Landes,  
 Gers .78 Hautes Pyrénées .79 **Béarn:** Basses Pyrénées
- .8 **Languedoc**  
 .81 Haute Loire, Lozère .82 Ardèche .83 Gard .84 Hérault  
 .85 Tarn .86 Haute Garonne .87 Aude .88 **Foix:** Ariège  
 .89 Pyrénées Orientales
- .9 **Provence Dauphiny**  
 .91 Bouches du Rhône .92 Vaucluse .93 Var .94 Alpes  
 Maritimes, Monaco .95 Basses Alpes .96 **Dauphiny** .97  
 Hautes Alpes .98 Drôme .99 Isère

945 Italy

Period divisions

- .01 Gothic and Lombard kingdoms 476-774  
 .02 Frankish emperors 774-961  
 .03 German emperors 962-1122  
 Hildebrand and papal supremacy  
 .04 Age of the communes 1100-1300  
 Free cities Strifes of Guelphs and Ghibelines  
 .05 Age of the despots 1300-1492  
 .06 Age of invasions 1492-1527  
 .07 Spanish-Austrian ascendancy 1527-1796  
 .08 Struggle for independence 1796-1870  
 .09 United Italy 1870-  
 Victor Emanuel, Cavour, Garibaldi

Geographic divisions of Italy

- .1 **Piedmont and Liguria**  
 .2 **Lombardy**  
 .3 **Venetia**  
 .4 **Emilia**  
 .5 **Tuscany**  
 .6 **Marches, Umbria and Latium**  
 .7 **Naples**  
 .71 Abruzzo and Molise .72 Campania .73 Napoli  
 .74 Salerno .75 Apulia .76 Lecce, Terra di Otranto  
 .77 Basilicata, Potenza .78 Calabria .79 Reggio di Calabria
- .8 **Sicily Malta**  
 .9 **Sardinia and Corsica**

946 Spain

Period divisions

- .01 Early history Roman dominion Gothic kingdom — 711  
 .02 Moorish kingdom 711-1479  
 .03 Ferdinand 5 and Isabella 1479-1516  
 Discovery  
 Expulsion of the Moors  
 .04 Charles 1 and Philip 2 1516-98  
 Inquisition War with the Netherlands, Armada Charles 1  
 (5 of Germany) 1516-56 Philip 2 1556-98



HISTORY

946.05	Philip 3 — Charles 4	1598-1808
	Degeneration 1 Philip 3 1598-1621	2 Philip 4 1621-65
	3 Charles 2 1665-1700	4 House of Bourbon: 5 Philip 5
	1700-46	6 Ferdinand 6 1746-59
	7 Charles 3 1759-88	
	8 Charles 4 1788-1808	
.06	Peninsular war	1808-14
	Joseph Bonaparte	
.07	Bourbon restoration	1814-68
	Attempts at reform	
	Ferdinand 7 1814-33	Isabella 2 1833-68
.08	Revolution and 2d restoration	1868—
	Revolution of 1868-70	Amadeus 1870-73
	Alfonso 12 1875-85	Alfonso 13 1886-
	Republic 1873-75	
	Geografic divisions of Spain	
946.1	Galicia	Asturias
.2	Leon	Estramadura
.3	Old Castile	
.4	New Castile	
.5	Aragon	
.6	Basque provinces	
.7	Catalonia	Balearic iles
	Valencia	Murcia
.8	Andalusia	Canary iles
.9	Portugal	
	.98 Madeira	.99 Azores

947. Russia

Period divisions

.01	Primitiv Russia	—862
.02	Varangian kingdom	862-1237
	Conversion to Christianity	
.03	Mongolian invasion	1237-1462
	Civil wars	
.04	Ivan 3-Ivan 5	1462-1689
	Origin of serfdom	
.05	Peter the Great	1689-1725
	Wars with Sweden and Turkey	
.06	Catharine 1-Catharine 2	1725-96
	Partition of Poland	
.07	Paul 1-Nicholas 1	1796-1855
	War with Napoleon	
	Insurrection of Poland	
	Crimean war	See also 942.08, 944.07, 945.08, 949.6
.08	Alexander 2	1855-81
	Emancipation of the serfs	
	Turko-Russian war	
	Alexander 3	1881-94
	Nicholas 2	1894-

DECIMAL CLASSIFICATION

Geografic divisions of Russia

- 947.1 Finland Lapland
- .2 Northern Great Russia  
Archangel, Vologda, Olonetz, Novgorod
- .3 Southern Great Russia
- .4 Baltic provinces  
Courland, Livonia, Esthonia, Petrograd (Petersburg)
- .5 Russian Poland
- .6 West Russia
- .7 Little Russia South Russia
- .8 East Russia
- .9 Caucasia

948 Norway Sweden Denmark

Period divisions

- .01 Legendary period -800
- .02 Consolidation Migration 801-1397  
Introduction of Christianity  
Discovery of Iceland, Greenland, and America  
Conquest of Britain and Normandy
- .03 Union of the 3 kingdoms 1397-1523  
Civilization Foren relations
- .04 The reformation 1523-1648  
Edict of toleration 1527  
30 years war Gustavus Adolphus
- .05 Decline 1648-1792  
Wars vs Denmark, Poland, Russia  
Political changes
- .06 Napoleonic wars 1792-1818  
Union of Norway and Sweden 1814
- .07 Charles 14 (Bernadotte) 1818-  
Peace Internal reform

Geografic divisions

- .1 Norway
- .2 Christiania
- .3 Christiansand Bergen
- .4 Hamar Throndhjem Tromso
- .5 Sweden
- .6 Gothland
- .7 Svealand
- .8 Norrland
- .9 Denmark

## 949 Minor countries of Europe

- .1 **Iceland** **Faroe Islands**  
 01 Commonwealth -1264 02 Medievalism 1264-1551 03 Absolute rule, Decay 1551-1848 04 Modern Iceland 1848-
- .2 **Netherlands**  
 01 Early history -1477 02 Austrian dominion 1477-1566 Wars for independence 1566-1648 04 Age of prosperity 1648-1795 05 Revolutionary 1795-1830 06 19th century 1830-1900 07 20th century 1901-
- .3 **Belgium**
- .4 **Switzerland**  
 01 Early history -1300 02 Struggle for independence 1300-1499 03 Reformation 1499-1648 04 Period of tranquillity 1648-1789 05 Period of revolution 1789-1815 06 19th century 1815-1900 07 20th century 1901-
- 949.5 **Byzantine empire and modern Greece**  
 01 Greek revival 323-716  
     Constantine the great-Theodosius 3  
 02 Byzantine prosperity 716-1057  
     Leo 3-Michael 6  
 03 Byzantine decline 1057-1204  
     Isaac 1-Latin conquest of Constantinople  
 04 Greek survival 1204-1453  
     Constantinople taken by the Turks, 1453  
 05 Turkish power 1453-1821  
 06 Greek independence 1821-
- .6 **Turkey in Europe** **Balkan states** .61 Constantinople  
     Also works covering Turkey in Asia
- .7 **Serbia** **Bulgaria** **Montenegro**
- .8 **Rumania: Wallachia, Moldavia**
- .9 **Ilands of Greek archipelago**  
     Divided like 939.1

- 950 **Asia**
- 951 **China**  
 .1 N. E. China, Peking .2 S. E. China, Canton, Hong Kong,  
 Formosa .3 S. W. China .4 N. W. China .5 Tibet .6 East  
 Turkestan .7 Mongolia .8 Manchuria .9 Korea
- 952 **Japan**
- 953 **Arabia**  
 .1 Sinai .2 Hejaz, Mecca .3 Yemen .4 Hadramaut, Mah-  
 rah .5 Oman .6 Hasa .7 Dahna .8 Nejd .9 Syrian  
 desert
- 954 **India**  
 .1 Bengal, Orissa, Assam, Bhotan .2 Northwest provinces, Oudh,  
 Nepal .3 Central provinces .4 Rajputana .5 Punjab,  
 Delhi, Lahore .6 Kashmir .7 Bombay, Sind, Baroda  
 .8 Madras, Mysore, Travancore, Ceylon .9 Hyderabad
- 955 **Persia**
- 956 **Turkey in Asia**  
 See also 949.6  
 .1 Khodavendigar .2 Aidin, Smyrna .3 Kastamuni, Angora  
 .4 Konieh, Adana, Cyprus .5 Trebizond, Sivas .6 Erzerum,  
 Diarbekr, Karput .7 Bagdad, Kurdistan .8 Aleppo .9 Damas-  
 cus, Phenicia, Palestine
- 957 **Siberia**
- 958 **Afghanistan Turkestan Baluchistan**  
 .1 N. E. Afghanistan, Kabul .2 South Afghanistan, Kandahar  
 .3 N. W. Afghanistan, Herat .4 **Turkistan** .5 Kiva .6 Bok-  
 hara .7 Ferghana or Khokan .8 **Baluchistan**
- 959 **Farther India**  
 .1 British Burma .2 Burma .3 Siam .4 Laos .5 Lower  
 Siam, Malay peninsula .6 Cambodia .7 French Cochin China  
 .8 Anam .9 Tonkin

- 960 **Africa**
- 961 **North Africa**  
 .1 Tunis .2 Tripoli .3 Fezzan
- 962 **Egypt**  
 .1 Lower Egypt, Alexandria, Cairo .2 Middle Egypt .3 Upper Egypt, Thebes .4 Nubia .5 Dongola .6 Egyptian Sudan, Kartum .7 Darfur .8 Kordofan .9 Sennaar
- 963 **Abyssinia**
- 964 **Morocco**
- 965 **Algeria**
- 966 **North Central Africa**  
 .1 Sahara .2 Sudan .3 Senegambia .4 Sierra Leone .5 Upper Guinea .6 Liberia .7 Ashanti .8 Dahomey .9 Gold Coast
- 967 **South Central Africa**  
 .1 Lower Guinea .2 Loango, French Kongo .3 Angola, Benguela .4 Interior .5 Free State, Kongo basin .6 Central lake region: British East Africa, Uganda .7 Somali .8 Zanzibar .9 Mozambique, Portuguese East Africa
- 968 **South Africa**  
 .1 Sofala .2 Transvaal .3 Zululand .4 Natal .5 Orange Free State .6 Kaffraria .7 Cape Colony .8 West Coast .9 Interior: Rhodesia, Mashona
- 969 **Madagascar Mauritius**

## 970 North America

- .1 Indians, aborigines    .2 Lives of Indians    .3 Special tribes  
 .4 Special states    .5 Government relation and treatment    .6 Special subjects: character, civilization, agriculture, etc.  
 See 371.975 Education; 572.97 Ethnology; 497 Languages

## 971 Canada British America

General works on Canada under British rule  
 For histories of special periods see 971.01-.054; of special provinces see 971.1-.9  
 For constitutional history see 342.71

## Period subdivisions

For works not limited to any of the territorial subdivisions .1-.9 but dealing with a limited period

Class archives with their periods and segregate them if wished by booknumbers that will automatically locate them ahead of other histories having the same class number: e.g. A1-A9 if Cutter numbers are used for other works; Aa-Az if Cutter-Sanborn numbers are used

- .01 **French regime 1497-1763**  
 From earliest time till cession to England
- .011. **Discovery and early settlement 1497-1632**  
 Early explorations along Atlantic seaboard 1497-1533. Discovery and occupation of St Lawrence 1534-43. Rise of fur trade 1544-1612. Permanent colonization 1613-32
- .016 **Extension of English rule 1632-1763**  
 Treaty of St Germain-en-Laye 20 Mar. 1632
- .018 **Struggle with England for supremacy**  
 Peace of Utrecht 1713-Peace of Paris 1763. Seven years war 1755-63; in United States cald French and Indian war. British supremacy dates actually from fall of Quebec, 1759; formally from peace of Paris, 10 Feb. 1763
- .02 **End of 7 years war to constitutional act 1791**  
 Conspiracy of Pontiac 1763-64  
 Quebec act 1774
- .024 **American revolution United Empire loyalists**  
 Canadian libraries will class here United Empire loyalists, but works on the revolution 1775-83 are better put in 973.3
- .03 **1792 to Union act 1841**  
 See also 971.3 Ontario and 971.4 Quebec
- .034 **War of 1812**  
 1812-15 In United States cald also 2d war for independence  
 Better clast in 973.52 (United States history)
- .038 **Rebellion 1837-38**
- .039 **Union act 10 Feb. 1840**  
 Passage of Union act, closing the period under the Constitutional act. See also constitutional history, 342.719
- .04 **Union 1841 to Confederation 1867**  
 Beginning with operation of Union act; Canadian parliament at Ottawa 13 June 1841. Class clergy reservs agitation in 971.3 Ontario; abolition of seigniories in 971.4 Quebec
- .048 **Fenian invasions**
- .049 **British North America act, 29 March 1867**
- .05 **Dominion of Canada 1867-**  
 Canada under British North America act
- .051 **Red river (Riel's 1st) rebellion 1870**
- .054 **Northwest (Riel's 2d) rebellion 1885**

## Geographic subdivisions of Canada

- 971.1 **British Columbia**  
 .2 **Northwest Territories**  
 Including former Hudson Bay territory
- .21 **Yukon**  
 Klondike region      Dawson (city)
- .22 Mackenzie
- .23 **Alberta**
- .24 **Saskatchewan**
- .26 Keewatin
- .27 **Manitoba**
- .28 Ungava
- .29 Franklin  
 See also 998 Arctic region
- .3 **Ontario**  
 For St Lawrence river see 971.4  
 Formerly also Upper Canada or Canada West  
 See also 971.4 note Class here Clergy reserves
- .31 **Northwestern**  
 North shore of Lake Superior and Lake Huron; Georgian bay
- .311 **Rainy River district**  
 Lake of the Woods      Rainy lake
- .312 **Thunder Bay district**  
 5 *Fort William*
- .313 **Algoma district**  
 Sault Ste Marie
- 5 **Manitoulin island**
- .314 **Nipissing district**
- .315 **Parry Sound**      Maganetawan districts
- .316 **Muskoka**      Lake of Bays district
- .317 Simcoe
- .318 **Grey**      Owen Sound (or Sydenham)
- .32 **Western**  
 East shore of Lake Huron
- .321 **Bruce**
- .322 **Huron**
- .323 **Perth**
- .324
- .325 **Middlesex**
- .326 *London (city)*
- .327 **Lambton**
- .33 **Southwestern**  
 North shore of Lake Erie
- .331 **Essex**
- .332 *Windsor (city)*
- .333 **Kent**
- .334 **Elgin**
- .335 *St Thomas (city)*
- .336 **Norfolk**
- .337 **Haldimand**
- .338 **Welland**

DECIMAL CLASSIFICATION

- 971.34      **West central**  
     .341      Dufferin  
     .342      Wellington  
     .343      *Guelph (city)*  
     .344      Waterloo  
     .345      *Berlin (city)*  
     .346      Oxford  
     .347      Brant  
     .348      *Brantford (city)*
- 971.35      **Southern**  
             West and North shore of Lake Ontario  
     .351      Lincoln  
             *St Catherines (city)*  
     .352      Wentworth  
             *Hamilton (city)*  
     .353      Halton      Peel  
     .354      York  
             *Toronto (city)*  
             1  
     .355      Ontario  
     .356      Durham  
     .357      Northumberland  
     .358      Hastings  
             7  
             Prince Edward  
     .359      Lennox and Addington  
     .36      **Central**  
     .361      Haliburton  
     .362  
     .363  
     .364      Victoria  
     .365  
     .366  
     .367      Peterborough  
     .368      *Peterborough (city)*  
     .369  
     .37      **Southeastern**  
             St Lawrence river counties  
     .371      Frontenac  
     .372      *Kingston (city)*  
     .373      Leeds  
             Rideau lakes and canal  
     .374      Grenville  
     .375      Dundas  
     .376      Stormont  
     .377      Glengarry  
     .378  
     .379  
     .38      **Northeastern**  
             Ottawa river counties  
     .381      Renfrew  
     .382      Lanark  
     .383      Carleton  
             *Ottawa (city)*  
     .384      Russell  
     .385      Prescott  
     .386



## 971.4 Quebec St Lawrence river

Lower Canada or Canada East

From its cession by France to England in 1763 all Canada was one colony, the Province of Quebec, till 1791. In 1791 it was divided by the constitutional act into 2 provinces: Upper Canada (Ontario) and Lower Canada (Quebec). By the union act, 1840, the 2 provinces were reunited as the Province of Canada; and in 1867 by the British North America act again divided into the provinces of Ontario and Quebec.

- .41 Northern
- .411 Mistassini
- .412 Abitibi
- .414 Lake St John
- .416 Chicoutimi
- .417 Saguenay  
Anticosti island
- .419 Ashuanipi
- .42 Western
- Ottawa river counties
- .421 Pontiac
- .422 Ottawa (former county)
- 1 Wright
- 2 Hull (city)
- 5 Labelle
- .423 Argenteuil
- .424 Terre Bonne
- .425 Two Mountains
- .426 Vaudreuil
- 5 Soulanges
- .427 Laval
- .428 Hochelaga
- 1 Montreal (city)
- 5 Jacques Cartier
- .43 Southwestern
- Counties south of the St Lawrence and west of Richelieu river
- .431 Huntingdon
- .432 Beauharnois
- .433 Chateaugay
- .434 La Prairie
- .435 Napierville
- .436 Verchères
- .437 Chambly
- .438 St Johns
- .44 North Central
- Counties north of St Lawrence from Montreal to Saguenay river
- .441 Montcalm
- 6 L'Assomption
- .442 Joliette
- .443 Berthier
- .444 Maskinonge
- .445 St Maurice
- .446 Champlain
- 6 Portneuf
- .447 Quebec
- 1 Quebec (city)
- .448 Montmorency  
île d'Orléans
- .449 Charlevoix

DECIMAL CLASSIFICATION

- 971.45      **South Central**  
                     Counties south of St Lawrence from Richelieu river to Quebec
- .451      Richelieu  
 .452      St Hyacinthe  
                     5      Bagot  
 .453      Rouville  
 .454      Yamaska  
 .455      Nicolet  
 .456      Drummond  
                     5      Arthabaska  
 .457      Wolfe  
                     5      Megantic  
 .458      Lotbinière  
 .459      Levis  
 .46      **Southern**  
                     Southern border from Richelieu river to Lake Megantic
- .461      Iberville  
 .462      Missisquoi  
 .463      Shefford  
 .464      Brome  
 .465      Richmond  
 .466      Sherbrooke  
                     *Sherbrooke (city)*  
 .467      Stanstead  
 .468      Compton  
 .469      Lake Megantic  
 .47      **Southeastern**  
                     Lower St Lawrence, southern side from Quebec to Gulf of St Lawrence
- .471      Beauce  
 .472      Dorchester  
 .473      Bellechasse  
                     5      Montmagny  
 .474      L'Islet  
 .475      Kamouraska  
 .476      Temiscouata  
 .477      Rimouski  
                     5      Matane  
 .478      Bonaventure  
 .479      Gaspé  
                     7      Magdalen ilands
- .5      **New Brunswick**
- .51      **Northern**  
 .511      Restigouche  
 .512      Gloucester
- .52      **Eastern**  
 .521      Northumberland  
 .522      Kent  
 .523      Westmoreland  
                     *Monckton (city)*

## HISTORY

- 971.53      **Southern**  
 .531          Albert  
 .532          St John  
               *St John* (city)  
 .533          Charlotte  
               Grand Manan island  
 .54          **Central**  
 .541          Kings  
 .542          Queens  
 .543          Sunbury  
 .55          **Western**  
 .551          York  
               *Fredericton* (city)  
 .552          Carleton  
 .553          Victoria  
 .554          Madawaska  
 .6          **Nova Scotia**  
 .61          **Northern**  
 .611          Cumberland  
 .612          Colchester  
 .613          Pictou  
 .614          Antigonish  
 .62          **Southern**  
 .621          Guysborough  
 .622          Halifax co. and city  
 .623          Lunenburg  
 .624          Queens  
 .625          Shelburne  
 .63          **Western**  
 .631          Yarmouth  
 .632          Digby  
 .633          Annapolis  
 .634          Kings  
 .635          Hants  
 .69          Cape Breton (iland)  
 .691          Inverness  
 .693          Victoria  
 .695          Cape Breton  
 .696          *Sydney* (city)  
 .698          Richmond  
 .7          **Prince Edward Island**  
 .71          Prince  
 .74          Queens  
 .75          *Charlottetown* (city)  
 .77          Kings  
 8          **Newfoundland**  
 .9          **Labrador**  
               For Moravian missions see 266.46

## 972 Mexico Central America

## Period divisions

.01	Ancient civilization	— 1516
	1 Toltec 2 Chichimec 3 Tarascan 4 Aztec 5 Maya	
.02	Discovery and Spanish rule	1516-1810
.03	Independence	1810-1822
.04	First empire Iturbide 1 Pronunciamientos	1822-1845
.05	War with United States. See also 973.6	1845-1848
.06	Constitution of '57 Reform	1848-1861
.07	French intervention	1861-1867
.08	Later history	1867-

## Geografic divisions

.1	<b>Free zone and Northern states</b>	
	Tamaulipas, Nuevo Leon, Cohahuila, Chihuahua, Sonora, Durango	
.2	<b>Lower California and ilands</b>	
.3	<b>Central Pacific states</b>	
	Sinaloa, Jalisco, Colima, Michoacan	
.4	<b>Interior states</b>	
	Zacatecas, San Luis Potosi, Aguascalientes, Guanajuato, Querétaro, Hidalgo, Puebla, Tlascal, Morelos	
.5	<b>Mexico Federal district</b>	
.6	<b>Southern Gulf states</b>	
	Vera Cruz, Tabasco, Campeche, Yucatan	
.7	<b>Southern Pacific states</b>	
	Guerrero, Oaxaca, Isthmus of Tehuantepec, Chiapas	
.8	<b>Central America</b>	
.81	<b>Guatemala</b>	
.82	<b>British Honduras Belize</b>	
.83	<b>Honduras</b>	
.84	<b>San Salvador</b>	
.85	<b>Nicaragua</b>	
.86	<b>Costa Rica</b>	
.9	<b>West Indies</b>	
.91	<b>Cuba</b>	
.92	<b>Jamaica</b>	
.93	<b>Santo Domingo</b>	
.94	<b>Hayti</b>	
.95	<b>Porto Rico</b>	
.96	<b>Bahamas</b>	
.97	<b>Leeward ilands</b>	
.98	<b>Windward ilands Barbados</b>	
.99	<b>Bermudas</b>	

## 973 United States

## SUMMARY OF 973

.1	Discovery	—1607
.2	Colonial	1607—1775
.3	Revolution	1775—1789
.4	Constitutional	1789—1809
.5	War of 1812	1809—1845
.6	War with Mexico	1845—1861
.7	Civil war	1861—1865
.8	Later 19th century	1865—1901
.91	Early 20th century	1901—

See also 342.73 U. S. constitutional law and history; 328.73 U. S. legislative bodies and annals; 329 Political parties; 353 U. S. government

**.1 Discovery** —1607

From earliest times to settlement of Jamestown

See also 970.1-6 American Indians; 913.7 American antiquities; 571.91 Mounds and mound builders; 571.85 Pueblos

**.11 Precolumbian**

For precolumbian claims of Chinese, Norse, Welsh, etc. see .12 to .18 below

Arabs	Poles
Jews	Germans Martin Behaim
Africans	Italians
Irish	

**.12 Chinese****.13 Norse**

Gunnbjorn	Bjarni Herjulfson
Eric the Red	Thorwald
Leif Ericson	Thorfinn Karlsefne

**.14 Welsh**

Prince Madoc

**.15 Columbus****.16 Spanish and Portuguese**

Dates of voyages are added to names

Amerigo Vespucci 1497-1504	
Gaspar and Miguel Cortereal 1500-2	Labrador
Juan Ponce de Leon 1513-21	Florida
Vasco Nuñez de Balboa 1513	Pacific ocean
Hernando Cortés 1518-40	See also 972.02 History of Mexico
Fernando da Magalhaens 1518-21	Magellan straits
Francisco Pizarro 1524-41	See also 985 History of Peru
Hernando de Soto 1539-42	Mississippi river
Francisco Vasquez de Coronado 1540-42	New Mexico, Arizona, Colorado

**.17 English**

John and Sebastian Cabot 1497-1530
Sir John Hawkins 1562-69
Sir Francis Drake 1570-80
Sir Martin Frobisher 1576-78
Sir Humphrey Gilbert 1578-83
Sir Walter Raleigh 1578-1602
John Davis 1585-87
Bartholomew Gosnold 1602-07

DECIMAL CLASSIFICATION

- 973.18 French  
 Giovanni da Verrazano 1524  
 Jacques Cartier 1534-44 Canada  
 Jean Ribault 1562-65 Florida  
 René de Laudonnière 1564-66 Florida  
 Samuel de Champlain 1603-35 See also 971 History of Canada
- .19 Other nations
- .2 Colonial 1607-1775  
 See also histories of separate colonies
- .21 Virginia settlement 1607-20  
 Settlement of Jamestown 13 May 1607 See 975.5 Virginia history  
 Hudson's voyage 1609 See also 974.7 N. Y. history  
*James 1 1603-26*
- .22 New England settlement 1620-43  
 Settlement of Plymouth 21 Dec. 1620 See 974.4 Mass. history  
 Pequot war 1636-37 Connecticut  
*Charles 1 1625-49*
- .23 New England confederacy 1643-64  
 United colonies of New England 19 May 1643  
*Commonwealth 1649-53  
 Oliver Cromwell 1653-58  
 Richard Cromwell 1658-59*
- .24 Conquest of New Netherlands 1664-89  
 King Philip's war 1675-76 Massachusetts  
 War with eastern indians 1675-78 Maine  
 Sir Edmund Andros, governor of New England 1686-89  
*Charles 2 1680-86  
 James 2 1688-88*
- .25 Early French wars 1689-1732  
 Witchcraft in New England See 133.4  
 King William's war 1689-97  
 Sometimes cald in Europe ' War of the Palatinate '  
 Queen Anne's war 1702-13  
 Known in Europe as War of the Spanish succession  
*William 3 1689-1702  
 Anne 1702-14  
 George 1 1714-27*
- .26 Extension of English rule 1732-63  
 Settlement of Georgia 1732 See 975.8 Georgia history  
 King George's war 1744-48  
 Known in Europe as War of the Austrian succession  
 Albany convention assembled 19 June 1754  
 French and indian war 1755-63  
 Known in Europe as Seven years war  
 Braddock's defeat 9 July 1755  
 Crown Point and Ticonderoga 1758-59  
 Capture of Louisburg 27 July 1758  
 Capture of Quebec 18 Sep. 1759; Montcalm and Wolfe  
 Peace of Paris 10 Feb. 1763  
*George 2 1727-60*
- .27 Last years of the colonies 1763-75  
 See also specially 973.311 Causes of the Revolution  
 Conspiracy of Pontiac 1763-64  
 Bouquet's expedition 1763-64  
 Lord Dunmore's war Ap.-Oct. 1774 Virginia  
*George 3 1760-1820*

## 973.3 Revolution and confederation

1775-89

## SUMMARY OF 973.3

- .31 Political history
- .32 Diplomatic history
- .33 Special campaigns and battles
- .34 General military history
- .35 Naval history
- .36 Celebrations
- .37 Prisons, hospitals
- .38 Personal narratives
- .39 Illustrative material
- .31 **Political history; causes, results**  
For financial history see 336.73
- .311 **Causes 1775**
  - 1 Stamp act 1765
  - 2 Navigation acts; mercantil policy  
Burning of the Gaspé 17 June 1772
  - 3 Boston massacre 5 Mar. 1770
  - 4 Taxation and representation
  - 5 Tax on tea 1767 Boston tea party 16 Dec. 1773
  - 6 Boston port bill 1774
- .312 **Political history 1775-83**  
Continental congress See 328.73 U. S. legislative bodies
- .313 **Declaration of independence 4 July 1776** See also 973.361  
Mecklenburg declaration 20 May 1775
- .314 **Loyalists, Tories** See also 973.381 Treason and traitors
- .315 **Relations of special classes to the Revolution**  
Clergy and churches  
Lawyers  
College graduates
- .316
- .317 **Treaty of peace 1783**  
Concluded at Paris 3 Sep. 1783; ratified 14 Jan. 1784
- .318 **Confederation 1783-89**  
Shay's rebellion 1786-87 Massachusetts  
Cession of western territory to United States
- .319
- .32 **Diplomatic history; relations with other nations**  
Divided like 940; e. g. 973.324 Relations with France; 973.326 Relations with Spain
- .33 **Special campaigns and battles**
- .331 **Campaigns of 1775**
  - 1 Lexington and Concord 19 April See also 973.362
  - 2 Bunker Hill 17 June See also 973.366
  - 3 Siege of Boston June 1775-March 1776
  - 4 Ticonderoga 10 May  
Crown Point 12 May
  - 5 Canadian expeditions  
Montgomery  
Arnold
  - 6
  - 7
  - 8 Events in the south

DECIMAL CLASSIFICATION

- 973.332 Campaigns of 1776
- 1 Campaign for the Hudson
  - 2 Battle of Long Island 27 Aug.
  - 3 British occupation of New York
  - 4 American retreat Sep.-Nov. 1776
    - Harlem Hights 16 Sep.
    - White Plains 28 Oct.
    - Fort Washington 16 Nov.
  - 5 Washington in the Jerseys Dec. 1776-Jan. 1777
  - 6 Trenton 26 Dec.  
Princeton 3 Jan. 1777
  - 7
  - 8 Events in the south
    - North Carolina
    - Fort Moultrie, Sullivan's island 28 June .
- .333 Campaigns of 1777
- 1 Events in Connecticut and Rhode Island
  - 2 Burgoyne's campaign
    - Ticonderoga evacuated 6 July
    - Hubbardton, Vt 7 July
    - Bennington, Vt 16 Aug.
  - 3 Freeman's farm or Bemis Hights or Stillwater 19 Sep  
Bemis Hights or Saratoga 7 Oct.  
Burgoyne's surrender 17 Oct.
  - 4 Fort Stanwix or Fort Schuyler or Oriskany 2-22 Aug.
  - 5 Clinton's advance up the Hudson  
Forts Clinton and Montgomery 6 Oct.
  - 6 Howe's campaign
    - Brandywine 11 Sep.
    - Paoli 20 Sep.
  - 7 Philadelphia taken by British 27 Sep.  
Germantown 4 Oct.  
Forts on the Delaware  
Red Bank, or Fort Mercer 22 Oct.  
Mud island, or Fort Mifflin 10-16 Nov.
  - 8 Events in south Including Kentucky
- .334 Campaigns of 1778
- 1 Washington at Valley Forge 1777-78
  - 2 Events in middle states
    - Battle of Monmouth 28 June
  - 3 Evacuation of Philadelphia June
  - 4 Indian depredations See also 973.343
    - Wyoming 1-4 July
  - 5 Mohawk valley  
Cherry valley 11 Nov.  
Brant See also 970.2 Indian biography
  - 6 Rhode Island campaign, August See also 973.354 Naval history
  - 7 Events in the south
    - Capture of Savannah 29 Dec.
  - 8 Events in northwest 1778-79  
Clark's expedition  
Vincennes, Ind. 2 Jan. and 20 Feb. 1779



HISTORY: UNITED STATES

- 973-335 Campaigns of 1779
- 1 Events in New England
    - Tryon in Connecticut July
  - 2 Penobscot expedition Aug. and Sep.
  - 3 Events in middle states
    - Minisink 19 July
  - 4 Wayne at Stony Point 16 July
  - 5 Paulus Hook 19 Aug.
  - 6 Sullivan's expedition July-Sep.
  - 7 Events in the south
    - Briar creek 3 Mar.
    - Siege of Savannah 23 Sep. and 18 Oct.
  - 8 Events in northwest See 973.3348
- .336 Campaign of 1780
- 1 Southern campaigns
    - Waxhaws, N. C. 29 May
    - Ramsour Mills, N. C. 20 June
    - Leslie's expedition into Virginia Oct
  - 2 Siege of Charleston Mar.-May
  - 3 Camden, S. C. 16 Aug.
  - 4 Kings mountain, S. C. 7 Oct.
  - 5 Events in middle states
    - Springfield, N. J. 23 June
    - Bull's Ferry, N. Y. 21 July
  - 6 Northern invasion
- .337 Campaigns of 1781
- 1 Southern campaigns
  - 2 Events in Carolinas Jan.-Ap.
    - Cowpens, S. C. 17 Jan.
    - Guilford, N. C. 15 Mar.
    - Hobkirks hill, S. C. 25 Ap.
  - 3 Events in Carolinas May-Dec.
    - Fort Ninety-Six, S. C. May-June
    - Eutaw Springs, S. C. 8 Sep.
  - 4 British in Virginia
  - 5 Siege of Yorktown Sep.-Oct.
    - Surrender of Cornwallis 19 Oct.
  - 6 Events in the north
  - 7 Arnold in Connecticut Sep.
- .338 Campaigns of 1782
- .339 Events of 1783
  - British evacuation of New York 25 Nov. See also 973.363

DECIMAL CLASSIFICATION

- 973.34 **General military history**
- .341 English side
- .342 Mercenaries; Hessians
- .343 Indians
- .344 American side
  - Part taken by special states, specially the northern states. Under the number for each state use the book numbers A1-A19 for official publications, A2 for lists of revolutionary soldiers
- I
- 2 New Hampshire
- 3 Vermont Not then a state, admitted 1791
- 4 Massachusetts
- 5 Rhode Island
- 6 Connecticut
- 7 New York
- 8 Pennsylvania
- 9 New Jersey
- .345 Southern states
  - 1 Delaware
  - 2 Maryland
  - 5 Virginia
  - 6 North Carolina
  - 7 South Carolina
  - 8 Georgia
- .346 American auxiliaries
- .347 French
- .348
- .349 Special topics
  - Conway cabal 1777-78
  - Mutiny of Pennsylvania line Jan. 1781
  - Newburg addresses 1782-83
- .35 **Naval history**
- .351 Events of 1775
  - Capture of the Margareta June 12
- .352 Events of 1776
  - Escape of British sloop of war Glasgow 6 Ap.
  - Battle of Lake Champlain 11-13 Oct.
  - Gen. Benedict Arnold
- .353 Events of 1777
  - Lexington and Alert 20 Sep.
- .354 Events of 1778
  - French fleet at Newport
- .355 Events of 1779
  - Bon Homme Richard and the Serapis 23 Sep.
- .356 Events of 1780
  - Trumbull and Watt 2 June
- .357 Events of 1781
  - Alliance and British brigs Atalanta and Trepassey 28 May
- .358 Privateers

- 973.36 Celebrations, anniversaries, commemorations**  
 These should usually be classed with the special event commemorated, but some anniversaries are of such general character as to be better classed here. For Patriotic societies of the revolution see 369.13
- .361 Fourth of July See also 973.313  
 .362 19th of April See also 973.3311  
 .363 Evacuation day, New York See also 973.339  
 .364  
 .365 Monuments, memorials See also 718  
 .366 Bunker Hill monument See also 973.3312  
 .367 Washington's various headquarters  
 Newburg, N. Y.  
 Morristown, N. J.
- .37 Prisons, hospitals, etc.**
- .371 English prisons  
 1 Jersey prison ship  
 2 Sugar house prison  
 .372 American prisons  
 .373 Exchange of prisoners  
 .374  
 .375 Medical dep't; surgeons, nurses, etc.  
 .376 Hospitals  
 .377  
 .378  
 .379
- .38 Personal narrativs, vindications, secret servis**
- .381 Treason and traitors See also 973.314 Loyalists, tories  
 .382 Benedict Arnold  
 .383 Charles Lee  
 .384  
 .385 Secret servis, spies  
 American side: Nathan Hale  
 British side: Major John André
- .39 Illustrativ material**  
 These numbers should be used mainly for references. Poems, dramas etc. should usually be classed under their own numbers, 811, 812, etc. but special collections should be classed here
- .391 Poetry  
 .392 Drama  
 .393 Fiction  
 .394 Addresses  
 .395 Sermons  
 .396 Humor  
 .397 Pictures  
 Paintings, drawings, caricatures, engravings, photographs, sculpture  
 .398 Music  
 .399 Maps

## DECIMAL CLASSIFICATION

- 973.4 Constitutional period** **1789-1809**  
 See 342.73 U. S. constitution; 329.1 Federal party 1789-1823; 329.2 Antifederal party 1789-92
- .41 George Washington** **30 Ap. 1789-4 Mar. 1797**  
 Born 22 Feb. 1732; died 14 Dec. 1799  
 Sworn into office 30 Ap. 1789  
 National bank established 25 Feb. 1791 See 332.11  
 Vermont admitted, 14th state 4 Mar. 1791 See 974.3  
 Kentucky admitted, 15th state 1 June 1792 See 976.9
- .42 Indian wars**  
 Harmar's expedition 1790  
 St Clair's expedition 1791
- .43 Washington's 2d term** 4 Mar. 1793-4 Mar. 1797  
 Neutrality proclamation 22 Ap. 1793 See also 341.3  
 Whisky insurrection July-Nov. 1794  
 Wayne's expedition, Oct.-Nov. 1794, and treaty, 3 Aug. 1795  
 Jay's treaty 28 Oct. 1795 See also 341.2  
 Treaty with Spain 27 Oct. 1795 See also 341.2  
 Tennessee admitted, 16th state 1 June 1796 See 976.8
- .44 John Adams** **4 Mar. 1797-4 Mar. 1801**  
 Born 31 Oct. 1735; died 4 July 1826  
 Alien act 25 June 1798 See 341.5  
 Sedition act 14 July 1798 See 323  
 Removal of capitol to Washington
- .45 Troubles with France**  
 Naval battles; Constellation and L'Insurgent 9 Feb. 1800
- .46 Thomas Jefferson** **4 Mar. 1801-4 Mar. 1809**  
 Born 2 Ap. 1743; died 4 July 1826  
 Ohio admitted, 17th state 19 Feb. 1803 See 977.1  
 Purchase of Louisiana 2 May 1803
- .47 Wars with Barbary states**
- .48 Jefferson's second term** 4 Mar. 1805-4 Mar. 1809  
 Aaron Burr's conspiracy 1806  
 See also 923.27 lives of Burr; and 343.1 Trials  
 Embargo act 22 Dec. 1807
- .5 War of 1812** **1809-45**
- .51 James Madison** **4 Mar. 1809-4 Mar. 1817**  
 Born 16 Mar. 1751; died 28 June 1836  
 Engagement between ships President and Little Belt 16 May 1811  
 Defeat of Indians by Gen. Harrison at Tippecanoe 7 Nov. 1811  
 Louisiana admitted, 18th state 30 Ap. 1812 See 976.3  
 Indiana admitted, 19th state 11 Dec. 1816 See 977.2

HISTORY: UNITED STATES

- 973-52 War of 1812  
     War declared 18 June 1812. Treaty of peace 24 Dec. 1814
- .521 Political history; causes, results  
     Hartford convention
- .522 Diplomatic history
- .523 Special campaigns and battles
- 1 Campaign in northwest  
         Includes all west of New York  
         Surrender of Detroit 16 Aug. 1812
- 2 Events in northwest 1813-14
- 3 Campaign in New York, New England and Canada  
         Battle of Queenstown 13 Oct. 1812
- 4 Events in New York and New England 1813  
         Capture of Fort Niagara 19 Dec.
- 5 Events in Canada 1813  
         Capture of Fort George 27 May  
         Battle of Thames 5 Oct.
- 6 Events in New York and New England 1814  
         Bombardment of Stonington, Conn. 9-12 Aug.
- 7 Events in Canada 1814  
         Capture of Fort Erie 3 July  
         Battle of Chippewa 5 July  
         Battle of Lundy's lane 25 July
- 8 Campaign in the south  
         Battle of Bladensburg 24 Aug. 1814  
         Burning of Washington 24 Aug. 1814  
         Bombardment of Fort McHenry 13 Sep. 1814
- 9 Events in Louisiana  
         Battle of New Orleans 22 Dec. 1814-8 Jan. 1815
- .524 General military history
- 1 English side
- 2 Indian allies
- 3
- 4 American side in general  
         Divided like 974. Under the number for each state use the book numbers  
         A1-A19 for official publications, A2 for lists of soldiers
- 5 South Atlantic states  
         Divided like 975
- 6 Gulf states  
         Divided like 976
- 7 Lake states  
         Divided like 977

DECIMAL CLASSIFICATION

- 973.525 Naval history
- 1 Events of 1812  
 Constitution and Guerrière 19 Aug.  
 Wasp and Frolic 18 Oct.  
 United States and Macedonia 25 Oct.  
 Constitution and Java 29 Dec.
- 2 Events on inland waters
- 3 Events of 1813  
 Hornet and Peacock 24 Feb.  
 Chesapeake and Shannon 1 June  
 Pelican and Argus 14 Aug.  
 Enterprize and Boxer 5 Sep.
- 4 Events on inland waters  
 Battle of Lake Erie 10 Sep.
- 5 Events of 1814  
 Essex against Phoebe and Cherub 28 Mar.  
 Peacock and Epervier 29 Ap.  
 Wasp and Reindeer 28 June  
 Wasp and Avon 1 Sep.  
 Wasp and Atlanta 21 Sep.
- 6 Events on inland waters  
 Battle on Lake Champlain 11 Sep.
- 7 Events of 1815  
 Capture of frigate President 15 Jan.  
 Capture of Cyane and Levant by the Constitution 20 Feb.  
 Hornet and Penguin 23 Mar.
- 8 Privateers
- .526 War meetings, celebrations, anniversaries, etc.  
 See note under 973.36  
 See 369.14 societies of the war of 1812
- .527 Prisons, hospitals, etc.
- 1 English prisons Dartmoor
- .528 Personal narrativs, vindications, secret servis
- .529 Illustrativ material Divided like 973.39
- .53 Algerine war
- .54 James Monroe 4 Mar. 1817-4 Mar. 1825  
 Born 28 Ap. 1758; died 4 July 1831  
 Mississippi admitted, 20th state 10 Dec. 1817 See 976.2  
 Illinois admitted, 21st state 3 Dec. 1818 See 977.3  
 Purchase of Florida 25 Feb. 1819  
 Alabama admitted, 22d state 14 Dec. 1819 See 976.1  
 Maine admitted, 23d state, 15 Mar. 1820 See 974.1  
 Missouri compromise See 326.973 and 973.7113  
 Missouri admitted, 24th state 10 Aug. 1821 See 977.8  
 Monroe doctrin Dec. 1823 See 327.73  
 Tariff act. 22 May 1824 See 337
- .541 First Seminole war 1818
- .55 John Quincy Adams 4 Mar. 1825-4 Mar. 1829  
 Born 11 July 1767; died 23 Feb. 1848  
 Erie canal completed 1825 See 386  
 Panama congress 1826 See 341.1  
 Removal of Creek indians 1825-29 See 970.3  
 Tariff act 19 May 1828 See 337

HISTORY: UNITED STATES

- 973.56 **Andrew Jackson** 4 Mar. 1829-4 Mar. 1837  
 Born 15 Mar. 1767; died 8 June 1845  
 Rotation in office See 351.6  
 United States bank See 332.11  
 Whig party See 329.4  
 Compromise tariff act 3 Mar. 1833 See 337  
 Independence of Texas 2 Mar. 1836 See 976.4  
 Arkansas admitted, 25th state 15 June 1836 See 976.7  
 Specie circular 11 July 1836 See 336.73  
 Michigan admitted, 26th state 26 Jan. 1837 See 977.4
- .561 Nullification See also 342.73  
 Webster and Hayne debate 25-27 Jan. 1830  
 Nullification ordinance, South Carolina 24 Nov. 1832
- .562 Black Hawk war 1832
- .57 **Martin Van Buren** 4 Mar. 1837-4 Mar. 1841  
 Born 5 Dec. 1782; died 24 July 1862  
 Panic of 1837 See 332  
 Alton riot 7 Nov. 1837 See 326.973  
 Burning of Caroline 26 Dec. 1837  
 Northeast boundary, Aroostook war Feb.-Mar. 1839  
 Amistad case 1839
- .571 Second Seminole war 1835-42
- .58 **William Henry Harrison** 4 Mar. 1841-4 Ap. 1841  
 Born 9 Feb. 1773; died 4 Ap. 1841
- John Tyler** 4 Ap. 1841-4 Mar. 1845  
 Born 29 Mar. 1790; died 18 Jan. 1862  
 Dorr's rebellion May-June 1842 See 974.5  
 Ashburton treaty, northeast boundary  
 Texas annexation resolution 28 Feb. 1845  
 Florida admitted, 27th state 3 Mar. 1845
- .6 **War with Mexico** 1845-61
- .61 **James Knox Polk** 4 Mar. 1845-4 Mar. 1849  
 Born 2 Nov. 1795; died 15 June 1849  
 Texas annex, 28th state 29 Dec. 1845 See 976.4  
 Wilmot proviso adopted by house 8 Aug. 1846 See also 973.7113  
 Iowa admitted, 29th state 28 Dec. 1846 See 977.7  
 Wisconsin admitted, 30th state 29 May 1848 See 977.5  
 Free soil party; Buffalo convention Aug. 1848 See 329.6
- .611 Northwest boundary; Oregon; treaty with England 12 June 1849
- .62 Mexican war 1845-48  
 War declared 13 May 1846; treaty of peace 30 May 1848
- .621 Political history; causes, results  
 Annexation of Texas  
 Acquisition of California, Nevada, Utah, Arizona, etc.
- .622 Diplomatic history
- .623 Special campaigns and battles
- 1 Kearny in New Mexico
- 2 Fremont in California
- 3 Taylor's campaign
- 4 On the Rio Grande  
 Palo Alto 8 May 1846  
 Resaca de la Palma 9 May  
 Matamoras 18 May
- 5 In Mexico  
 Monterey 20-25 Sep. 1846  
 Buena Vista 22-23 Feb. 1847

DECIMAL CLASSIFICATION

- 973.623 6 Scott's campaign  
 7 Vera Cruz 22-29 Mar. 1847  
 Cerro Gordo 17-18 Ap.  
 8 Battles near Mexico  
 Contreras 19-20 Aug.  
 San Antonio 20 Aug.  
 Churubusco 20 Aug.  
 9 Capture of Mexico  
 Molino del Rey 8 Sep.  
 Chapultepec 12-13 Sep.  
 Mexico 14 Sep.
- .624 General military history  
 .625 Naval history  
 .626 War meetings, celebrations, anniversaries  
 See note under 973.36; also 369.145 Aztec club of 1847  
 .627 Prisons, hospitals, etc.  
 .628 Personal narrativs  
 .629 Illustrativ material See note under 973.39  
 .63 **Zachary Taylor** 5 Mar. 1849-9 July 1850  
 Born 24 Sep. 1784; died 9 July 1850  
 Inaugural ceremony 5 March  
 Compromise of 1850, Omnibus bill, introduced by Henry Clay  
 29 Jan. 1850 See also 326.973 and 973.7113
- .64 **Millard Fillmore** 9 July 1850-4 Mar. 1853  
 Born 7 Feb. 1800; died 7 Mar. 1874  
 Clayton-Bulwer treaty 4 July 1850 See also 386  
 California admitted, 31st state 9 Sep. 1850 See 979.4  
 Fugitiv slave law 18 Sep. 1850 See 326.973  
 Popular soverenty, or squatter soverenty See 342.73 and 326.973  
 Filibustering expeditions to Cuba 1849-51 See 972.91
- .65  
 .66 **Franklin Pierce** 4 Mar. 1853-4 Mar. 1857  
 Born 23 Nov. 1804; died 8 Oct. 1869  
 Know-nothing party See also 329.5  
 Republican party See also 329.6  
 Com. Perry's expedition to Japan 1852-54 See also 915.2 and 341.273  
 Gadsden treaty with Mexico for purchase of southern Arizona and  
 New Mexico 30 June 1854  
 Kansas-Nebraska bill 30 May 1854 See also 326.973, 978.1 and 978.2  
 Ostend manifesto 18 Oct. 1854 See also 972.91  
 Walker's filibuster expedition against Nicaragua 1855 See also 972.85
- .67  
 .68 **James Buchanan** 4 Mar. 1857-4 Mar. 1861  
 Born 23 Ap. 1791; died 1 June 1868  
 Dred Scott decision 6 Mar. 1857 See also 326.973 and 973.7113  
 Lecompton constitution, Kansas; proslavery 7 Nov. 1857  
 See also 978.1  
 Minnesota admitted, 32d state 11 May 1858 See 977.6  
 Oregon admitted, 33d state 14 Feb. 1859 See 979.5  
 John Brown's raid 16-17 Oct. 1859 See also 973.7116 and 326.973  
 Kansas admitted, 34th state 29 Jan. 1861 See 978.1
- .69



973.7 War of secession

4 Mar. 1861—15 Ap. 1865

SUMMARY OF 973.7

- .71 Political history
- .72 Diplomatic history
- .73 Special campaigns and battles
- .74 General military history
- .75 Naval history
- .76 Celebrations
- .77 Prisons, hospitals
- .78 Personal narrativs
- .79 Illustrativ material

Abraham Lincoln

4 Mar. 1861--15 Ap. 1865

Born 12 Feb. 1809; died 15 Ap. 1865

1st term 4 Mar. 1861-4 Mar. 1865; 2d term 4 Mar. 1865-15 Ap. 1865

.71 Political history; causes, results

West Virginia admitted, 35th state 19 June 1863 See 975.4

Nevada admitted, 36th state 31 Oct. 1864 See 979.3

.711 Causes

- 1 Slavery See also 326
- 2 Extension of slavery
  - Annexation of territory
  - Slavery in the territories
- 3 Compromises
  - Missouri compromise 1820 See also 973.54
  - Wilmot proviso 1846 See also 973.61
  - Compromise of 1850 See also 973.63
- 4 Abolition movement
  - Murder of Elijah P. Lovejoy 7 Nov. 1837
  - Assault on Charles Sumner by Preston S. Brooks 22 May 1856
- 5 Fugitiv slaves
  - Underground railway
  - Dred Scott case See also 973.68
- 6 John Brown's raid See also 973.68
- 7 States' rights
- 8 Tariff See also 337

.712 Efforts to preserv peace

Crittenden compromise introduced 18 Dec. 1860

Peace conference 4-27 Feb. 1861

.713 Secession of southern states

South Carolina 20 Dec. 1860

Mississippi 9 Jan. 1861

Florida 10 Jan.

Alabama 11 Jan.

Georgia 19 Jan.

Louisiana 26 Jan.

Texas 1 Feb.

Confederate States of America formd 4 Feb.

Virginia 17 Ap.

Arkansas 6 May

North Carolina 20 May

Tennessee 8 June

For constitutional conventions see subdivisions of 342; proceedings and documents of Confederate congress and of state legislatures see subdivisions of 328

.714 Results of the civil war

Emancipation proclamation 1 Jan. 1863 See also 326.8

Freedmen's bureau See 361

For the present condition of negro, see 325.26

For negro colony in Liberia, Africa, see 325.6; history of Liberia 966.6

DECIMAL CLASSIFICATION

- 973.715 Relations of special classes to the civil war  
           Clergy and churches. Colleges, students and graduates
- .716 Southern side
- .717 Unionists in the south
- .718 Secessionists in the north
- .72 **Diplomatic history: relations with other nations**  
           Divided like 940; e. g. 973.722 Relations with England 73.727 Russia
- .721 **Diplomatic history of confederate states**  
           Divided like 940; e. g. 973.7214 Relations of confederate states with France
- .73 **Special campaigns and battles**  
           General arrangement of topics is based on *Official records of the Union and confederate armies*, pub. by the U. S. The indexes of those volumes can be used as a minute subject index for subdivisions of 973.73
- .731 Campaign of 1861
- 1 Operations in Charleston harbor, S. C. 20 Dec. 1860-14 Ap. 1861  
       Bombardment of Fort Sumter 12-14 April
  - 2 Operations in other southern states (see *Official records*, v. 1)
  - 3 Maryland, Pennsylvania, Virginia, West Virginia, 16 Ap.-31 July  
       Riot at Baltimore, Md. 19 April  
       Engagement at Big Bethel, or Bethel Church, Va. 10 June
  - 4 Battle of Bull Run, or Manassas, Va. 21 July
  - 5 Missouri, Arkansas, Kansas, Indian territory 10 May-19 Nov.
  - 6 Texas, New Mexico, Arizona 11 June-1 Feb. 1862  
       Kentucky, Tennessee 1 July-19 Nov.  
       North Carolina, southeastern Virginia 1 Aug.-11 Jan. 1862
  - 7 Maryland, northern Virginia, West Virginia 1 Aug.-17 Mar. 1862
  - 8 Engagement at Ball's Bluff, Va. 21 Oct.  
       Action near Edwards Ferry, Va. 22 Oct.
  - 9 S. Carolina, Georgia, middle and east Florida 21 Aug.-11 Ap. 1862
- .732 Campaign of 1862
- 1 West Florida, southern Alabama, southern Mississippi, Louisiana  
       1 Sep. 1861-12 May 1862  
       Capture of New Orleans, La. 18 Ap.-1 May
  - 2 Kentucky, Tennessee, north Alabama, southwest Virginia  
       19 Nov. 1861-4 March 1862  
       Capture of Fort Henry, Tenn. 6 Feb.  
       Siege and capture of Fort Donelson, Tenn. 12-16 Feb.
  - 3 Missouri, Arkansas, Kansas, Indian T. 19 Nov. 1861-10 Ap. 1862  
       Battle of Pea Ridge, or Elkhorn tavern, Ark. 6-8 Mar.
  - 4 Southeastern Virginia 11 Jan.-17 Mar.  
       Battle of Merrimac and Monitor See 973.752  
       North Carolina 11 Jan.-20 Aug.  
       Burnside expedition  
       Battle of Roanoke island, N. C. 8 Feb.  
       Texas, New Mexico, Arizona 1 Feb.-20 Sep.
  - 5 Kentucky, Tennessee, north Mississippi, north Alabama, southwest Virginia 4 Mar.-10 June  
       Siege of Corinth, Miss. 29 Ap.-10 June
  - 6 Battle of Pittsburg Landing, or Shiloh, Tenn. 6-7 Ap.

- 973-732 Campaign of 1862 *continued*
- 7 Peninsular campaign, Va. 17 Mar.-2 Sep.  
Siege of Yorktown, Va. 5 Ap.-4 May  
Battle of Fair Oaks, or Seven Pines, Va. 31 May-1 June  
Seven-days battles 25 June-1 July
  - 8 Northern Virginia, West Virginia, Maryland 17 Mar.-2 Sep.  
Battle of Cedar Run, or Cedar (Slaughter) mountain, Va. 9 Aug.  
Second battle of Bull Run or Manassas, Va. 30 Aug.
  - 9 Missouri, Arkansas, Kansas, Indian Territory, Dep't of N. W.  
10 Ap.-20 Nov.
- .733 Campaign of 1862 *concluded*
- 1 South Carolina, Georgia, middle and east Florida 12 Ap. 1862-  
11 June 1863
  - 2 West Florida, southern Alabama, southern Mississippi, Louisiana  
12 May 1862-14 May 1863  
Texas, New Mexico, Arizona 20 Sep. 1862-14 May 1863
  - 3 Kentucky, middle and east Tennessee, north Alabama, southwest  
Virginia 10 June-31 Oct.
  - 4 West Tennessee, northern Mississippi 10 June-20 Jan. 1863  
Battle of Corinth, Miss. 3-4 Oct.
  - 5 North Carolina, southeastern Virginia 20 Aug. 1862-3 June 1863
  - 6 Northern Virginia, West Virginia, Maryland, Pennsylvania  
3 Sep.-14 Nov.  
Battle of South Mountain, Md. 14 Sep.  
Battle of Antietam, or Sharpsburg, Md. 16-17 Sep.
  - 7 Kentucky, middle and east Tennessee, north Alabama, southwest  
Virginia 1 Nov.-20 Jan. 1863  
Battle of Stone river, or Murfreesboro, Tenn. 31 Dec. 1862-  
3 Jan. 1863
  - 8 Northern Virginia, West Virginia, Maryland, Pennsylvania  
15 Nov.-25 Jan. 1863
  - 9 Battle of Fredericksburg, Va. 11-15 Dec.
- .734 Campaign of 1863
- 1 Missouri, Arkansas, Kansas, Indian Territory, Dep't of Northwest  
20 Nov. 1862-31 Dec. 1863
  - 2 Kentucky, middle and east Tennessee, north Alabama, southwest  
Virginia 21 Jan.-10 Aug.  
Middle Tennessee, or Tullahoma campaign 23 June-7 July  
Morgan's Ohio raid 2-26 July
  - 3 Mississippi, west Tennessee 20 Jan.-10 Aug.
  - 4 Siege of Vicksburg, Miss. 19 May-4 July
  - 5 Northern Virginia, West Virginia, Maryland, Pennsylvania  
26 Jan.-3 June
  - 6 Chancellorsville, Va. campaign 27 Ap.-6 May
  - 7 West Florida, southern Alabama, southern Mississippi, Louisiana,  
Texas, New Mexico 14 May-31 Dec.  
Siege of Port Hudson, La. 21 May-8 July
  - 8 North Carolina, Virginia, West Virginia, Maryland, Pennsylvania,  
Dep't of East 3 June-3 Aug.
  - 9 Battle of Gettysburg, Pa. 1-3 July

DECIMAL CLASSIFICATION

- 973-735 Campaign of 1863, *continued*
- 1 South Carolina, Georgia, middle and east Florida 12 June-31 Dec.  
Operations on Morris island, S. C. 10 July-7 Sep.  
Occupation of Battery Wagner, S. C. 6-7 Sep.  
Bombardment of Fort Sumter, S. C. 17 Aug.-31 Dec.  
Bombardment of Charleston, S. C. 21 Aug.-31 Dec.
  - 3 North Carolina, Virginia, West Virginia, Maryland, Pennsylvania  
4 Aug.-31 Dec.  
Bristoe, Va. campaign 9-22 Oct.  
Mine Run, Va. campaign 26 Nov.-2 Dec.
  - 4 Kentucky, southwest Virginia, Tennessee, Mississippi, north Ala-  
bama, north Georgia 11 Aug.-19 Oct.
  - 5 Chickamauga, Ga. campaign 16 Aug.-22 Sep.  
Battle of Chickamauga, Ga. 19-20 Sep.
  - 6 East Tennessee campaign 16 Aug.-19 Oct.
  - 7 Kentucky, southwest Virginia, Tennessee, Mississippi, north Ala-  
bama, north Georgia 20 Oct.-31 Dec.
  - 8 Knoxville, Tenn. campaign 4 Nov.-23 Dec.  
Siege of Knoxville, Tenn. 17 Nov.-4 Dec.
  - 9 Chattanooga-Ringgold campaign 23-27 Nov.  
Battle of Lookout mountain, Tenn. 24 Nov.  
Battle of Missionary ridge, Tenn. 25 Nov.
- .736 Campaign of 1864
- 1 Kentucky, southwest Virginia, Tennessee, Mississippi, Alabama,  
north Georgia 1 Jan.-30 Ap.  
Meridian, Miss. expedition 3 Feb.-6 Mar.  
Forrest's expedition into west Tennessee and Kentucky  
16 Mar.-14 Ap.  
Capture of Fort Pillow, Tenn. 12 Ap.
  - 2 N. Carolina, Virginia, W. Va. Maryland, Pennsylvania  
1 Jan.-30 Ap.  
Expedition against New Berne, N. C. 28 Jan.-10 Feb.  
Engagement at Morton's Ford, Va. 6-7 Feb.  
Kilpatrick's expedition against Richmond, Va. 28 Feb.-4 Mar.
  - 3 Louisiana, trans-Mississippi 1 Jan.-30 June  
Red river, La. campaign 10 Mar.-22 May  
Camden, Ark. expedition 23 Mar.-3 May
  - 4 South Carolina, Florida, Georgia coast 1 Jan.-13 Nov.  
Charleston, S. C. harbor and vicinity  
Florida expedition 5-22 Feb.  
Engagement at Olustee or Ocean Pond, Fla. 20 Feb.
  - 5 Southeastern Virginia, North Carolina 1 May-12 June  
Engagement at Proctor's Creek and Drewry's Bluff or Fort  
Darling, Va. 12-16 May  
Operations on the Bermuda Hundred, Va. front 17 May-2 June  
Engagement at Petersburg, Va. 9 June
  - 6 Battle of the Wilderness, Va. 5-7 May
  - 7 Operations about Spottsylvania Court-House, Va. 8-21 May
  - 8 Operations at and about Cold Harbor, Va. 31 May-12 June
  - 9 Northern Virginia, West Virginia, Maryland, Pennsylvania  
1 May-3 Aug.  
Engagement at New Market, Va. 15 May  
Lynchburg, Va. campaign 26 May-29 June  
Battle of the Monocacy, Md. 9 July  
Action near Fort Stevens, D. C. 12 July

HISTORY: UNITED STATES

- 973-737 Campaign of 1864, *continued*
- 1 Northern Georgia 1 May-8 Sep.  
Atlanta, Ga. campaign  
Battle of Atlanta, Ga. 22 July
  - 2 Kentucky, southwest Virginia, Tennessee, Mississippi, Alabama-north Georgia 1 May-13 Nov.  
Engagement at Harrisburg, near Tupelo, Miss. 14-15 July  
Operations in Mobile bay, Ala. 2-23 Aug. See 973.754  
Engagement at Allatoona, Ga. 5 Oct.
  - 3 Southeastern Virginia, North Carolina 13 June-31 July  
Richmond, Va. campaign  
Assaults on the Petersburg lines 15-18 June  
Explosion of the mine and assault on the crater 30 July
  - 4 Louisiana, trans-Mississippi 1 July-31 Dec.  
Price's Missouri expedition 29 Aug.-2 Dec.
  - 5 Southeastern Virginia, North Carolina 1 Aug.-31 Dec.  
Richmond, Va. campaign  
Expedition to Fort Fisher, N. C. 7-27 Dec.
  - 6 Northern Virginia, West Virginia, Maryland, Pennsylvania 4 Aug.-31 Dec.
  - 7 Shenandoah valley campaign, Va. 7 Aug.-28 Nov.  
Battle of Winchester, or the Opequon, Va. 19 Sep.  
Battle of Cedar creek, Va. 19 Oct.
  - 8 South Carolina, Georgia, Florida 14 Nov.-31 Dec.  
Savannah, Ga. campaign, or Sherman's march to the sea 15 Nov.-21 Dec.
  - 9 Kentucky, southwest Virginia, Tennessee, Mississippi, Alabama, north Georgia 14 Nov.-23 Jan. 1865  
Battle of Franklin, Tenn. 30 Nov.  
Battle of Nashville, Tenn. 15-16 Dec.
- .738 Campaign of 1865
- 1 Northern and southeastern Virginia, North Carolina, West Virginia, Maryland, Pennsylvania 1 Jan.-30 June
  - 2 Richmond, Va. campaign 1 Jan.-3 Ap.
  - 3 Expedition to and capture of Fort Fisher, N. C. 3-17 Jan.
  - 4 Appomattox, Va. campaign 29 Mar.-9 Ap.  
Battle of Five Forks, Va. 1 Ap.  
Surrender of Gen. Lee 9 Ap.
  - 5 North Carolina, South Carolina, southern Georgia, east Florida 1 Jan.-30 June  
Campaign of the Carolinas 1 Jan.-26 Ap.
  - 6 Louisiana, trans-Mississippi 1 Jan.-30 June
  - 7 Kentucky, southwestern Virginia, Tennessee, northern and central Georgia, Mississippi, Alabama, west Florida 1 Jan.-30 June  
Wilson's raid from Chickasaw to Selma, Ala. and Macon, Ga. 22 Mar.-24 Ap.
  - 8 Mobile, Ala. campaign 17 Mar.-4 May
  - 9 Pacific coast 1 Jan. 1861-30 June 1865

DECIMAL CLASSIFICATION

- 973.74 **General military history**
- .741 Northern side
- 1 Regular army
  - 2 Volunteers, quotas
  - 3 Bounties
  - 4 Drafts
  - 5 Negro troops
  - 6 Special armies or corps
    - Army of the Cumberland
    - Army of the Potomac
    - 2d army corps
    - 19th army corps etc.
  - 7 Special branches or services
    - Cavalry
    - Artillery
    - Engineers
    - Signal servis
    - Guerrillas
    - Commissariat
  - 8 General orders
  - 9 Regimental losses
- 742 Southern side
- Guerrillas
- .743 Foren elements
- Divided like 940
- .744-749 Separate states and regimental histories
- Divided like 974-979; 973.7444, Massachusetts; 973.7447, New York. Under each state arrange books by the following book numbers
  - A for official publications
    - A 1 Adjutant-general's reports
    - A 2 Lists of soldiers
  - B-D, General works on the part taken by the state in the conflict
    - B whole state, C county, D town
  - E Histories of cavalry regiments
  - F Hevy artillery
  - G Light artillery
  - J-L Infantry
    - J regiments 1-99
    - K regiments 100-199
    - L regiments 200-299

The individual regiment is markt by adding its number after the letter; E15, 15th regiment of cavalry; K49, 149th regiment of infantry. When there are more than 9 regiments o must be prefix to the number for the 1st 10 regiments, J09 9th regiment of infantry

For the border states which also had regiments on the confederate side use similarly P-S
  - O Special brigades
  - P Cavalry
  - Q Hevy artillery
  - R Light artillery
  - S Infantry
    - For those states which past ordinances of secession (see list under 973.713) reverse these numbers using E-L for confederate regiments and P-S for Union regiments
    - Special numbers must be arranged for unnumberd and peculiarly numberd regiments and companies

HISTORY: UNITED STATES

- 973-75 Naval history**  
 During the civil war the navy was mainly used as an auxiliary to the army and nearly all naval actions are also described in connection with special campaigns and battles 973.73 and its subdivisions
- .751 **Events of 1861**  
 Hatteras inlet, N. C. 28 Aug. See also 973.7316  
 Port Royal, S. C. 7 Nov. See also 973.7319  
 Belmont, Mo. 7 Nov. See also 973.7315  
 Trent affair 8 Nov. See also 973.722
- .752 **Events of 1862**  
 Fort Henry, Tenn. 6 Feb. See also 973.7322  
 Roanoke island, N. C. 7-8 Feb. See also 973.7324  
 Fort Donelson, Tenn. 14 Feb. See also 973.7322  
 Monitor and Merrimac 8-9 Mar.  
 Island nr 10, Ky. 16 Mar.-8 Ap. See also 973.7325  
 New Orleans, La. 18 Ap.-1 May See also 973.7321  
 Memphis, Tenn. 6 June See also 973.7325
- .753 **Events of 1863**  
 Charleston, S. C. 7 Ap. See also 973.7331  
 Vicksburg, Miss. 16 Ap. See also 973.7343  
 Grand Gulf, Miss. 29 Ap. See also 973.7343
- .754 **Events of 1864**  
 Red river, La. expedition 10 Mar.-22 May See also 973.7363  
 Sassacus and Albemarle, Albemarle sound, N. C. 5 May  
 See also 973.7365  
 Alabama and Kearsarge, off Cherbourg, France 19 June  
 Mobile bay, Ala. 5-22 Aug. See also 973.7372  
 Fort Fisher, N. C. 24 Dec. See also 973.7375
- .755 **Events of 1865**  
 Fort Fisher, N. C. 14-15 Jan. See also 973.7383
- .756 **History of special squadrons or ships**  
 Atlantic squadron  
 Gulf squadron
- .757 **Confederate navy**  
 Including the history of special squadrons or ships  
 Alabama  
 Shenandoah  
 Florida
- .758 **Blockade and blockade running**
- .759 **Privateers**
- .76 **War meetings, celebrations, anniversaries, commemorations**  
 See note under 973.36  
 For patriotic societies commemorating the civil war see 369.15-.17
- .761 **War meetings**
- .762
- .763 **Flags; presentations of flags; Battle-flag day**
- .764
- .765 **Monuments, memorials** See also 718
- .766
- .767 **Roll of honor** List of ded For national cemeteries, see 719
- .768 **Memorial day**

DECIMAL CLASSIFICATION

- 973.77 Prisons, hospitals, charities, etc.
- .771 Southern prisons, prison life
- 1 Andersonville
- 2 Libby prison
- .772 Northern prisons
- .773 Exchange of prisoners, paroles
- .774
- .775 Medical dep't, surgeons, nurses For military surgery see 617.99
- .776 Hospitals; hospital sketches
- .777 Charities
- 1 U. S. sanitary commission
- 2 Sanitary fairs
- Soldiers homes, see 362.8
- Soldiers orphan asylums, see 362.7
- Freedmen's bureau, see 361
- Pensions, 351.5
- .778 Religious life, chaplains, revivals
- 1 U. S. Christian commission See also 267.11
- .78 Personal narrativs, vindication, secret servis
- Personal narrativs when relating to some special battle or event should be class according to their subject
- .781 Personal narrativs, northern side
- Including volumes of G. A. R. papers and Loyal legion
- .782 Personal narrativs, southern side
- .783 Army life
- .784 Southern army life, southern home life
- .785 Secret servis, spies
- .786 Southern side
- .79 Illustrativ material
- See note under 973.39
- .791 Poetry
- .792 Drama
- .793 Fiction
- .794 Addresses
- .795 Sermons
- .796 Humor
- .797 Pictures
- .798 Music
- .799 Maps
- .8 Later 19th century 1865-1901
- Period of reconstruction and civil servis reform
- .81 Andrew Johnson 15 Ap. 1865-4 Mar. 1869
- Born 29 Dec. 1808; died 31 July 1875
- 13th amendment abolishing slavery, adopted 18 Dec. 1865
- See also 326.8 and 342.739
- Fenian invasion of Canada 31 May-2 June 1866 See also 971
- Nebraska admitted, 37th state 1 Mar. 1867 See 978.2
- Cession of Alaska by Russia 20 June 1867
- Impeachment of Pres. Johnson Mar.-May 1868 See 351.99
- 14th amendment guaranteeing citizenship, adopted 28 July 1868
- See 342.739



- 973.82 **Ulysses Simpson Grant** 4 Mar. 1869-4 Mar. 1877  
 Born 27 Ap. 1822; died 23 July 1885  
 Treaty for annexation of Santo Domingo, signed 29 Nov. 1869;  
 rejected by senate 30 June 1870 See also 972.93  
 15th amendment guaranteeing suffrage, adopted 30 Mar. 1870  
 See 324.1 and 342.739  
 First provision for civil service reform 3 Mar. 1871 See also 351.6  
 Geneva arbitration award 14 Sep. 1872 See 341.6; 973.722; 973.757  
 Northwestern or San Juan boundary decision, Emperor William  
 I of Germany, arbitrator 23 Oct. 1872  
 Cr dit mobilier investigation Dec. 1872-Feb. 1873  
 Coinage act 12 Feb. 1873 See 332.47  
 Modoc war, California Nov. 1872-June 1873  
 Financial panic 19-30 Sep. 1873 See 332  
 Virginius incident Oct.-Dec. 1873  
 Whisky ring 1872-75 See 336.73  
 Civil rights act 1 Mar. 1875  
 Colorado admitted, 38th state 1 Aug. 1876 See 978.8  
 Centennial exposition, Philadelphia 10 May-10 Nov. 1876 See 606  
 Electoral commission Feb. 1877
- .83 **Rutherford Birchard Hayes** 4 Mar. 1877-4 Mar. 1881  
 Born 4 Oct. 1822; died 17 Jan. 1893  
 Halifax fishery award 23 Nov. 1877  
 Bland silver act 28 Feb. 1878 See 332.47  
 Resumption of specie payment 1 Jan. 1879 See 332.5 and 336.73
- .84 **James Abram Garfield** 4 Mar. 1881-19 Sep. 1881  
 Born 19 Nov. 1831; died 19 Sep. 1881
- Chester Alan Arthur** 19 Sep. 1881-4 Mar. 1885  
 Born 5 Oct. 1830; died 18 Nov. 1886  
 International cotton exposition 5 Oct.-31 Dec. 1881 See 606  
 Edmund act to suppress polygamy 22 Mar. 1882 See also 298  
 Pendleton civil service reform act 11 Jan. 1883 See 351.6
- .85 **Grover Cleveland** 4 Mar. 1885-4 Mar. 1889  
 Born 18 Mar. 1839; died 24 June 1908  
 Act regulating the presidential succession 19 Jan. 1886 See 353.03  
 Mexican war pension act 29 Jan. 1887 See 351.5  
 Act creating Interstate commerce commission 4 Feb. 1887 See 385  
 Dependent pension bill vetoed 11 Feb. 1887 See 351.5  
 Centennial anniversary of Constitution, Philadelphia, Pa.  
 15-17 Sep. 1887  
 Act to establish the Labor department 13 June 1888 See 331  
 Fisheries treaty, signed 15 Feb. 1888; rejected by senate 21 Aug.  
 1888  
 See 333.9 and 341.273  
 Act to make Agriculture department an executive department 9 Feb. 1889  
 See also 630.6 and 353.8

DECIMAL CLASSIFICATION

- 973.86 **Benjamin Harrison** 4 Mar. 1889-4 Mar. 1893  
 Born 20 Aug. 1833; died 13 Mar. 1901  
 Opening of Oklahoma 2 Ap. 1889 See 976.6  
 North Dakota admitted, 39th state 2 Nov. 1889 See 978.4  
 South Dakota admitted, 40th state 2 Nov. 1889 See 978.3  
 Montana admitted, 41st state 8 Nov. 1889 See 978.6  
 Washington admitted, 42d state 11 Nov. 1889 See 979.7  
 International American conference 2 Oct. 1889-19 Ap. 1890  
 See 341.1  
 Idaho admitted, 43d state 3 July 1890 See 979.6  
 Wyoming admitted, 44th state 10 July 1890 See 978.7  
 Sherman silver act, repealing silver act of 1878 14 July 1890  
 See 332.47  
 McKinley tariff act 1 Oct. 1890 See 337.3  
 Controversy with Chile Oct. 1891-July 1892 See 983  
 Geary Chinese exclusion act 5 May 1892 See 325.251  
 Bering sea arbitration treaty 23 Aug. 1892  
 Hawaiian annexation treaty sent to senate, 15 Feb. 1893; with-  
 drawn, 9 Mar. 1893 See 996.9
- .87 **Grover Cleveland, second term** 4 Mar. 1893-4 Mar. 1897  
 World's Columbian exposition, Chicago 1 May-30 Oct. 1893  
 See 606  
 Decision of Bering sea court of arbitration 15 Aug. 1893  
 Voorhees silver act 1 Nov. 1893 See 332.47  
 Wilson tariff act 27 Aug. 1894 See 337.2  
 Income tax law decided unconstitutional by U. S. supreme court  
 8 Ap. 1895 See 336.24  
 U. S. commission on boundary between Venezuela and British  
 Guiana appointed 1 Jan. 1896 See 987  
 Utah admitted, 45th state 4 Jan. 1896 See 979.2
- .88 **William McKinley** 4 Mar. 1897-14 Sep. 1901  
 Born 29 Jan. 1844; died 14 Sep. 1901  
 Dingley tariff act 24 July 1897  
 Annexation of Hawaii 7 July 1898
- .89 **War with Spain**  
 War declared 21 Ap. 1898  
 Protocol signed 12 Aug. 1898  
 Treaty of peace signed at Paris, 10 Dec. 1898; ratified, 11 April  
 1899
- .891 **Political history; causes, results**  
 Spanish misrule in Cuba  
 Destruction of battleship Maine 15 Feb. 1898  
 Acquisition of Philippines and Porto Rico
- .892 **Diplomatic history**
- .893 **Special campaigns and battles**  
 Siege of Santiago 22 June-17 July 1898  
 Battle of El Caney 1 July 1898
- .894 **General military history**  
 May be subdivided like 973.74
- .895 **Naval history**  
 Battle of Manila 1 May 1898  
 Sinking of the Merrimac 3 June 1898  
 Destruction of Cervera's squadron 3 July 1898
- .896 **War meetings, celebrations, anniversaries**
- .897 **Prisons, hospitals, etc.**
- .898 **Personal narratives**
- .899 **Illustrative materials**

HISTORY: UNITED STATES

<b>973.91</b>	<b>Early 20th century</b>	<b>1901-</b>
.911	<b>Theodore Roosevelt</b> Born 27 Oct. 1858	14 Sep. 1901-4 Mar. 1909
.912	<b>William Howard Taft</b> Born 15 Sep. 1857	4 Mar. 1909-4 Mar. 1913
.913	<b>Woodrow Wilson</b> Born 28 Dec. 1856	4 Mar. 1913-

## DECIMAL CLASSIFICATION

## 974 Northeastern or North Atlantic New England

**.1 Maine**

Admitted 15 Mar. 1820 as 23d state  
 Area 33,040 sq. mi. 16 counties Population 742,371 in 1910  
 Sobriquets: Pinetree state, Polar Star state

*Population in 1910*

.11	Aroostook	74 664
.12	Somerset	36 301
	Piscataquis	19 887
.13	Penobscot	85 285
.14	Washington	42 905
	Hancock	35 575
.15	Waldo	23 383
	Knox	28 981
	Lincoln	18 216
.16	Kennebec	62 863
.17	Franklin	19 119
	Oxford	36 256
.18	Androscoggin	59 822
	Sagadahoc	18 574
.19	Cumberland	112 014
	<i>Portland</i>	58 571
	York	68 526

**.2 New Hampshire**

Area 9341 sq. mi. 10 counties Population 430,572 in 1910  
 Sobriquet: Granit state

*Population in 1910*

.21	Coos	30 753
.22	<i>White mts</i>	
.23	Grafton	41 652
.24	Carroll	16 316
	Belknap	21 304
.25	Strafford	38 951
.26	Rockingham	52 188
.27	Merrimac	53 335
	Sullivan	19 337
.28	Hillsboro	126 072
.29	Cheshire	30 659

**.3 Vermont**

Area 9564 sq. mi. 14 counties Population 355,956 in 1910 Sobriquet: Green Mt state

*Population in 1910*

.31	Grand Isle	3 761
	Franklin	29 866
	Chittenden	42 447
.32	Orleans	23 337
	Essex	7 384
.33	Caledonia	26 031
	Lemoille	12 585
.34	Washington	41 702
.35	Addison	20 010
.36	Orange	18 703
	Windsor	33 681
.37	Rutland	48 139
.38	Bennington	21 378
.39	Windham	26 932

HISTORY: UNITED STATES

974.4

**Massachusetts**

Area 8266 sq. mi. 14 counties  
Population 3,366,416 in 1910  
Sobriquet: Bay state

		<i>Population in 1910</i>	
.41	Berkshire	105	259
.42	Franklin	43	600
	Hampshire	63	327
	Hampden	231	369
.43	Worcester	399	657
.44	Middlesex	669	915
.45	Essex	436	477
.46	Suffolk	731	388
	<i>Boston</i>		670 585
.47	Norfolk	187	506
.48	Plymouth	144	337
	Bristol	318	573
.49	Barnstable	27	542
	Dukes	4	504
	Nantucket	2	962

**.5 Rhode Island**

Area 1248 sq. mi. 5 counties  
Population 542,610 in 1910  
Sobriquet: Little Rhody

		<i>Population in 1910</i>	
.51	Providence	424	353
.52	<i>Providence (city)</i>		224 326
.53	<i>Pawtucket</i> "		51 622
.54	Kent	36	378
.55	Bristol	17	602
.56	Newport	39	335
.57	<i>Newport (city)</i>		27 149
.58	<i>Block Island</i>		
.59	Washington	24	942

**.6 Connecticut**

Area 4965 sq. mi. 8 counties  
Population 1,114,756 in 1910  
Sobriquet: Wooden Nutmeg state

		<i>Population in 1910</i>	
.61	Litchfield	70	260
.62	Hartford	250	182
.63	<i>Hartford (city)</i>		98 915
.64	Tolland	26	459
	Windham	48	361
.65	New London	91	253
.66	Middlesex	45	637
.67	New Haven	337	282
.68	<i>New Haven (city)</i>		133 605
.69	Fairfield	245	322

DECIMAL CLASSIFICATION

974.7

**New York**

Area 49,204 sq. mi. 61 counties (exclusiv of Bronx)

Population 9,113,614 in 1910

Sobriquet: Empire state

*Population in 1910*

.71	<i>New York</i> (city)	4 766 883	
.72	Vicinity of New York city		
.721	<b>Long Island</b>		2 098 460
.722	Kings county	1 634 351	
.723	<i>Brooklyn</i>		1 634 351
.724	Queens county	284 041	
5	Nassau " "	83 930	
.725	Suffolk " "	96 138	
.726	Richmond " Staten Island	85 969	
.727	Westchester " "	283 055	
5	<i>Bronx boro</i> (and county)	430 980	
.728	Rockland county	46 873	
.73	<b>Southeast counties</b>		
.731	Orange, <i>West Point</i>	116 001	
.732	Putnam	14 665	
.733	Dutchess	87 661	
.734	Ulster	91 769	
.735	Sullivan	33 808	
.736	Delaware	45 575	
.737	Green	39 214	
.738	<i>Catskill mts</i>		
.739	Columbia	43 658	
.74	<b>Middle east counties</b>		
.741	Rensselaer	122 276	
	<i>Troy</i>		76 813
.742	Albany	173 666	
.743	<i>Albany</i> (city)		100 253
.744	Schenectady	88 235	
.745	Schoharie	23 855	
.746	Montgomery	57 567	
.747	Fulton	44 534	
.748	Saratoga	61 917	
.749	Washington	47 778	
.75	<b>Northern counties</b>		
.751	Warren	32 223	
	<i>Lake George</i>		
.752	Hamilton	4 373	
.753	Essex	33 458	
	<i>Adirondaks</i>		
.754	Clinton	48 230	
	<i>Lake Champlain</i>		
.755	Franklin	45 717	
.756	St Lawrence	89 005	
.757	Jefferson	80 382	
.758	<i>Thousand Islands</i>		
.759	Lewis	24 849	

HISTORY: UNITED STATES

New York

		<i>Population in 1910</i>	
974.76	North central counties		
.761	Herkimer	56	356
.762	Oneida	154	157
.763	<i>Utica</i>		74 419
.764	Madison	39	289
.765	Onondaga	200	298
.766	<i>Syracuse</i>		137 249
.767	Oswego	71	664
.768	Cayuga	67	106
.769	Seneca	26	972
.77	South central counties		
.771	Tompkins	33	647
.772	Cortland	29	249
.773	Chenango	35	575
.774	Otsego	47	216
.775	Broome	78	809
.776	<i>Binghamton</i>		48 443
.777	Tioga	25	624
.778	Chemung	54	662
.779	<i>Elmira</i>		37 176
.78	West central counties		
.781	Schuyler	14	004
.782	Yates	18	642
.783	Steuben	83	362
.784	Alleghany	41	412
.785	Livingston	38	037
.786	Ontario	52	286
.787	Wayne	50	179
.788	Monroe	283	212
.789	<i>Rochester</i>		218 149
.79	Western counties		
.791	Orleans	32	000
.792	Genesee	37	615
.793	Wyoming	31	880
.794	Cattaraugus	65	919
.795	Chautauqua	105	126
.796	Erie	528	985
.797	<i>Buffalo</i>		423 715
.798	Niagara	92	036
.799	<i>Niagara Falls</i>		30 445

DECIMAL CLASSIFICATION

974.8

Pennsylvania

Area 45,126 sq. ml. 68 counties

Population 7,665,111 in 1910

Sobriquet: Keystone state

.81	Southeast counties	Philadelphia and Chester group	
		<i>Population in 1910</i>	
.811	Philadelphia (co. and city)	1 549 008	
.812	Montgomery	169 590	
.813	Chester	109 213	
.814	Delaware	117 906	
.815	Lancaster	167 029	
.816	Berks	183 222	
.817	Schuykill	207 894	
.818	Dauphin	136 152	
.819	Lebanon	59 565	
.82	Eastern counties	Bucks group	
.821	Bucks	76 530	
.822	Northampton	127 667	
.823	Wayne	29 236	
.824	Pike	8 033	
.825	Monroe	22 941	
.826	Carbon	52 846	
.827	Lehigh	118 832	
.83	Northeast counties	Northumberland group	
.831	Northumberland	111 420	
.832	Luzerne	343 186	
.833	<i>Wilkesbarre</i>		67 105
.834	Susquehanna	37 746	
.835	Wyoming	15 509	
.836	Lackawanna	259 570	
.837	<i>Scranton</i>		129 867
.838	Columbia	48 467	
.839	Montour	14 868	
.84	Southeast central counties	Cumberland group	
.841	York	136 405	
.842	Adams	34 319	
.843	Cumberland	54 479	
.844	Franklin	59 775	
.845	Perry	24 136	
.846	Mifflin	27 785	
.847	Juniata	15 013	
.848	Union	16 249	
.849	Snyder	16 800	
.85	Northeast central counties	East Lycoming group	
.851	Lycoming	80 813	
.852			
.853	Center	43 424	
.854	Clinton	31 545	
.855	Potter	29 729	
.856	Tioga	42 829	
.857	Bradford	54 526	
.858			
.859	Sullivan	11 293	



HISTORY: UNITED STATES

Pennsylvania

974.86	Northwest central counties	West Lycoming group	
.861	Clearfield	93 768	
.862	Jefferson	63 090	
.863	McKean	47 868	
.864			
.865	Elk	35 871	
.866	Cameron	7 644	
.867	Warren	39 573	
.868	Forest	9 435	
.869	Clarion	36 638	
.87	Southwest central counties	Bedford group	
.871	Bedford	38 879	
.872	Fulton	9 703	
.873	Huntington	38 304	
.874			
.875	Blair	108 858	
.876	<i>Altoona</i>		52 127
.877	Cambria	166 131	
.878			
.879	Somerset	67 717	
.88	Southwest counties	Westmoreland group	
.881	Westmoreland	231 304	
.882	Washington	143 680	
.883	Greene	28 882	
.884	Payette	167 449	
.885	Allegheny	1 018 763	
.886	<i>Pittsburg</i>		533 905
.887	<i>Allegheny City</i>		
	Annex to Pittsburg in 1907		
.888	Armstrong	67 880	
.889	Indiana	66 210	
.89	Northwest counties	Allegheny group	
.891	Butler	72 689	
.892	Beaver	78 353	
.893	Lawrence	70 032	
.894			
.895	Merger	77 699	
.896	Venango	56 359	
.897	Crawford	61 565	
.898			
.899	Erie	115 517	
.9	<b>New Jersey</b>		
	Area 8224 sq. mi. 21 counties		
	Population 2,537,167 in 1910		
	Sobriquet: Jersey Blue state		
.91	<u>East Jersey</u>	<i>Population in 1910</i>	
.92	Northern counties		
.921	Bergen	138 002	
.922			
.923	Passaic	215 902	
.924	<i>Paterson</i>		125 600
.925			
.926	Hudson	537 231	
.927	<i>Jersey City</i>		267 779
.928	<i>Hoboken</i>		70 324

## DECIMAL CLASSIFICATION

## New Jersey

974.93	Central counties		
.931	Essex	512 866	
.932	<i>Newark</i>		347 469
.933	<i>Orange</i>		29 630
.934			
.935			
.936	Union	140 197	
.937	<i>Elizabeth</i>		73 409
.938	<i>Rahway</i>		9 337
.94	Southern counties		
.941	Middlesex	114 426	
.942	<i>New Brunswick</i>		23 388
.943			
.944	Somerset	38 820	
.945			
.946	Monmouth	94 734	
.947			
.948	Ocean	21 318	
.95	<u>West Jersey</u>		
.96	Central counties		
.961	Burlington	66 565	
.962			
.963			
.964			
.965	Mercer	125 657	
.966	<i>Trenton</i>		96 815
.967	<i>Princeton</i>		5 136
.97	Northern counties		
.971	Hunterdon	33 569	
.972	<i>Raritan</i>		3 672
.973			
.974	Morris	74 704	
.975			
.976	Sussex	26 781	
.977			
.978	Warren	43 187	
.98	Upper southern counties		
.981	Gloucester	37 368	
.982			
.983			
.984	Atlantic	71 894	
.985			
.986			
.987	Camden	142 029	
.988	<i>Camden (city)</i>		94 538
.99	Lower southern counties		
.991	Salem	26 999	
.992	<i>Salem City</i>		6 614
.993			
.994	Cumberland	55 153	
.995	<i>Bridgeton</i>		14 209
.996			
.997			
.998	Cape May	19 145	

## 975 Southeastern or South Atlantic

Including general works on 'the South'

**.1 Delaware**

Area 1965 sq. mi.

Population 202,322 in 1910 3 counties

Sobriquets: Blue Hen state, Diamond state

*Population in 1910*

.11	Newcastle	123 188	
.12	<i>Wilmington</i>		87 411
.14	Kent	12 721	
.17	Sussex	46 413	

**.2 Maryland**

Area 12,327 sq. mi.

Population 1,295,346 in 1910 23 counties and Baltimore city

Sobriquet: Old Line state

.21	Eastern Maryland		
.221	Worcester	21 841	
.223	Somerset	26 455	
.225	Wicomico	26 815	
.227	Dorchester	28 669	
.231	Caroline	19 216	
.232	Talbot	19 620	
.234	Queen Anne	16 839	
.236	Kent	16 957	
.238	Cecil	23 759	
.24	Southern Maryland		
.241	St Mary	17 030	
.244	Calvert	10 325	
.247	Charles	16 386	
.251	Prince George	36 147	
.255	Anne Arundel	39 553	
.256	<i>Annapolis</i>		8 609
.26	<i>Baltimore (city)</i>	558 485	
.27	North central		
.271	Baltimore	122 349	
.274	Harford	27 965	
.277	Carroll	33 934	
.281	Howard	16 106	
.284	Montgomery	32 089	
.287	Frederick	52 673	
.288	<i>Frederick (city)</i>		10 411
.29	Western		
.291	Washington	49 617	
.292	<i>Hagerstown</i>		16 507
.294	Allegany	62 411	
.295	<i>Cumberland</i>		21 839
.297	Garrett	20 105	

**.3 District of Columbia, Washington (city)**

Area 70 sq. mi.

Population (Washington) 331,069 in 1910

DECIMAL CLASSIFICATION

975.4 West Virginia

19 June 1863 admitted as 35th state Area 24,780 sq. mi.  
 Population 1,221,119 in 1910 55 counties  
 Sobriquet: Panhandle state

OUTLINE

.41	Ohio valley		
.411	Northern Panhandle		
.42	Little Kanawha valley		
.43	Kanawha valley		
.44	Southwestern border counties		
.441	Guyandotte valley		
.446	Tug valley		
.45	Central plateau		
.451	Monongahela valley		
.46	Central counties		
.464	Elk valley		
.468	Gauley valley		
.47	New River valley		
.48	Alleghany crest	Mountain counties	
.481	Cheat valley		
.486	Greenbrier valley		
.49	Eastern Panhandle	Potomac valley	
.41	Ohio valley		
.411	Northern Panhandle		
		<i>Population 1910</i>	
.412	Hancock	10 465	
.413	Brooke	11 068	
.414	Ohio	57 572	
.415	Wheeling		41 641
.416	Marshall	32 388	
.417			
.418	Wetzel	23 855	
.419	Tyler	16 211	
.42	Little Kanawha valley		
.421	Pleasants	8 074	
.422	Wood	38 001	
.423	Parkersburg		17 842
.424	Ritchie	17 875	
.425			
.426	Wirt	9 047	
.427	Gilmer	11 379	
.428			
.429	Calhoun	11 258	
.43	Kanawha valley		
.431	Jackson	20 956	
.432			
.433	Mason	23 019	
.434			
.435	Putnam	18 587	
.436	Roane	21 543	
.437	Kanawha	81 457	
.438	Charleston		22 996
.439	Boone	10 331	

HISTORY: UNITED STATES

West Virginia: Ohio valley

975.44 Southwestern border counties  
*Population 1910*

.441	Guyandotte valley		
.442	Cabell	46 685	
.442 I	<i>Huntington</i>		31 161
.443	Lincoln	20 491	
.444	Logan	14 476	
.445	Wyoming	10 392	
.446	Tug valley		
.447	Wayne	24 081	
448	Mingo	19 431	
.449	McDowell	47 856	

.45 Central plateau

.451	Monongahela valley		
.452	Monongalia	24 334	
.453	<i>Morgantown</i>		9 150
.454	Marion	42 794	
.455	Taylor	16 554	
.456	Doddridge	12 672	
.457	Harrison	48 381	
.458	<i>Clarksburg</i>		9 201
.459	Barbour	15 858	

.46 Central counties

.461	Lewis	18 281	
.462	Upshur	16 629	
.463			
.464	Elk valley		
.465	Webster	9 680	
.466	Braxton	23 023	
.467	Clay	10 233	
.468	Gauley valley		
.469	Nicholas	17 699	

.47 New River valley

.471	Fayette	51 903	
.472			
.473	Raleigh	25 633	
.474	Mercer	38 371	
.475			
.476	Summers	18 420	
.477			
.478	Monroe	13 055	
.479			

DECIMAL CLASSIFICATION

West Virginia

975.48	Alleghany crest	Mountain counties	
		<i>Population 1910</i>	
.481	Cheat valley		
.482	Preston	26 341	
.483	Tucker	18 675	
.484			
.485	Randolph	26 028	
.486	Greenbrier valley		
.487	Pocahontas	14 740	
.488	Greenbrier	24 833	
.489	<i>White Sulphur Springs</i>		338
.49	Eastern Panhandle	Potomac valley	
.491	Pendleton	9 349	
.492	Grant	7 838	
.493	Hardy	9 163	
.494	Mineral	16 674	
.495	Hampshire	11 694	
.496	Morgan	7 848	
.497	Berkeley	21 999	
.498			
.499	Jefferson	15 889	

.5 Virginia

17 Ap. 1861 seceded; 26 Jan. 1870 readmitted Area 40,262 sq. mi.  
 Population 2,061,612 in 1910 100 counties  
 Sobriquets: Old Dominion, Mother of Presidents

.6 North Carolina

20 May 1861 seceded; 25 June 1868 readmitted Area 48,740 sq. mi.  
 Population 2,206,287 in 1910 98 counties  
 Sobriquet: Old North state

.7 South Carolina

20 Dec. 1860 seceded; 25 June 1868 readmitted Area 30,495 sq. mi.  
 Population 1,515,400 in 1910 43 counties  
 Sobriquet: Palmetto state

.8 Georgia

19 Jan. 1861 seceded; 25 June 1868 readmitted Area 58,725 sq. mi.  
 Population 2,609,121 in 1910 146 counties  
 Sobriquet; Cracker state

.9 Florida

1512 discovered by Ponce de Leon; 1565 settled by Spaniards; 22 Feb. 1819  
 bought of Spain  
 30 Mar. 1822 organized as territory  
 3 Mar. 1845 admitted as 27th state  
 10 Jan. 1861 seceded; 25 June 1868 readmitted Area 54,861 sq. mi.  
 Population 752,619 in 1910 47 counties  
 Sobriquets: Everglade, Gulf state

## 976 South Central or Gulf

- .1 Alabama**  
 1702 settled by French  
 14 Dec. 1819 admitted as 22d state  
 9 Jan. 1861 seceded; 25 June 1868 readmitted Area 51,279 sq. mi.  
 Population 2,138,093 in 1910 67 counties  
 Sobriquet: Land of Flowers
- .2 Mississippi**  
 7 Ap. 1798 organized as territory; 10 Dec. 1817 admitted as 20th state  
 9 Jan. 1861 seceded; 17 Feb. 1870 readmitted Area 46,362 sq. mi.  
 Population 1,797,114 in 1910 79 counties  
 Sobriquet: Bayou state
- .3 Louisiana**  
 1699 settled by French 30 Ap. 1803 bought of France 1 Oct. 1804 organized as Territory of Orleans  
 8 Ap. 1812 Louisiana admitted as 18th state  
 26 Jan. 1861 seceded; 25 June 1868 readmitted Area 45,409 sq. mi.  
 Population 1,656,388 in 1910 60 parishes  
 Sobriquets: Pelican state, Creole state
- .4 Texas**  
 20 Dec. 1835 independence from Mexico declared; 2 Mar. 1836 republic formed  
 29 Dec. 1845 annexed as 28th state  
 1 Feb. 1861 seceded; 30 Mar. 1870 readmitted Area 262,398 sq. mi.  
 Population 3,896,542 in 1910 245 counties  
 Sobriquet: Lone Star state
- .5 Indian Territory Oklahoma**  
 30 June 1834 assigned to Indians (part of Louisiana purchase)  
 Area 30,790 sq. mi.  
 Population 800,000 in 1906  
**Oklahoma** organized as separate territory 2 May 1890  
 16 Nov. 1907 admitted as 46th state Area 69,414 sq. mi.  
 Population 1,657,155 in 1910 77 counties
- .7 Arkansas**  
 4 June 1812 included in Missouri territory; 2 Mar. 1819 organized as Arkansas territory  
 15 June 1836 admitted as 25th state  
 6 May 1861 seceded; 22 June 1868 readmitted Area 52,525 sq. mi.  
 Population 1,574,449 in 1910 75 counties  
 Sobriquet: Bear state
- .8 Tennessee**  
 1769 settled from Virginia; 14 Dec. 1784 organized by settlers as state of Franklin (or Frankland)  
 1 June 1796 admitted as 16th state  
 8 June 1861 seceded; 24 July 1866 readmitted Area 41,687 sq. mi.  
 Population 2,184,789 in 1910 96 counties  
 Sobriquet: Big Bend state
- .9 Kentucky**  
 1775 settled by Daniel Boone; 29 May 1790 territory organized  
 1 June 1792 admitted as 15th state Area 40,181 sq. mi.  
 Population 2,289,905 in 1910 119 counties  
 Sobriquet: Blue Grass state

DECIMAL CLASSIFICATION

977 North Central or Lake

.I Ohio

19 Feb 1803 admitted as 17th state Area 40,760 sq. mi.  
 Population 4,767,121 in 1910 88 counties  
 Sobriquet: Buckeye state

.II Northwest counties

*Population 1910*

.111	Williams	25 198	
5	Fulton	23 914	
.112	Lucas	192 728	
.113	<i>Toledo</i>		168 497
.114	Defiance	24 498	
.115	Henry	25 119	
.116	Wood	46 330	
.117	Paulding	22 730	
.118	Putnam	29 972	
.119	Hancock	37 860	
I	<i>Findlay</i>		14 858

.12 Central north counties

.121	Ottawa	22 360	
4	Sandusky	35 171	
.122	Erie	38 327	
I	<i>Sandusky (city)</i>		19 989
.123	Lorain	76 037	
I	<i>Lorain (city)</i>		28 883
.124	Seneca	42 421	
I	<i>Tiffin</i>		11 894
.125	Huron	34 206	
.126	Wyandot	20 760	
.127	Crawford	34 036	
.128	Richland	47 667	
I	<i>Mansfield</i>		20 768
.129	Ashland	22 975	

.13 Northeast counties

.131	Cuyahoga	637 425	
.132	<i>Cleveland</i>		560 663
.133	Lake	22 927	
6	Geauga	14 670	
.134	Ashtabula	59 547	
I	<i>Ashtabula (city)</i>		18 266
.135	Medina	23 598	
.136	Summit	108 253	
I	<i>Akron</i>		69 067
.137	Portage	30 307	
.138	Trumbull	52 766	
.139	Mahoning	116 151	
I	<i>Youngstown</i>		79 066



HISTORY: UNITED STATES

Ohio

977-14 Central west counties

		<i>Population 1910</i>	
.141	Van Wert	29 119	
5	Mercer	27 536	
.142	Allen	56 580	
1	<i>Lima</i>		30 508
.143	Auglaize	31 246	
.144	Hardin	30 407	
.145	Shelby	24 663	
.146	Logan	30 084	
5	Champaign	26 351	
.147	Darke	42 933	
.148	Miami	45 047	
1	<i>Piqua</i>		13 388
.149	Clark	66 435	
1	<i>Springfield</i>		46 921
.15	Central counties		
.151	Marion	33 971	
1	<i>Marion (city)</i>		18 232
6	Morrow	16 815	
.152	Knox	30 181	
.153	Union	21 871	
5	Delaware	27 182	
.154	Licking	55 590	
1	<i>Newark</i>		25 404
.155	Madison	19 902	
.156	Franklin	221 567	
.157	<i>Columbus</i>		181 511
.158	Fairfield	39 201	
.159	Perry	35 396	
.16	Central east counties		
.161	Wayne	38 058	
.162	Stark	122 987	
1	<i>Canton</i>		50 217
3	<i>Massillon</i>		13 879
.163	Columbiana	76 619	
1	<i>East Liverpool</i>		20 387
.164	Holmes	17 909	
.165	Coshocton	30 121	
.166	Tuscarawas	57 035	
.167	Carroll	15 761	
.168	Harrison	19 076	
.169	Jefferson	65 423	
1	<i>Steubenville</i>		22 391
.17	Southwest counties		
.171	Preble	23 834	
.172	Montgomery	163 763	
.173	<i>Dayton</i>		116 577
.174	Greene	29 733	
.175	Butler	70 271	
1	<i>Hamilton (city)</i>		35 279
.176	Warren	24 497	
5	Clinton	23 680	
.177	Hamilton	460 732	
.178	<i>Cincinnati</i>		363 591
.179	Clermont	29 551	
6	Brown	24 832	

DECIMAL CLASSIFICATION

Ohio

977.18	Central south counties		
		<i>Population 1910</i>	
.181	Fayette	21 744	
5	Pickaway	26 158	
.182	Ross	40 069	
1	<i>Chillicothe</i>		14 508
.183	Hocking	23 650	
7	Vinton	13 096	
.184	Highland	28 711	
7	Pike	15 723	
.185	Jackson	30 791	
.186	Adams	24 755	
.187	Scioto	48 463	
1	<i>Portsmouth</i>		23 481
.188	Lawrence	39 488	
1	<i>Ironton</i>		13 147
.189	Gallia	25 745	
.19	Southeast counties		
.191	Muskingum	57 488	
1	<i>Zanesville</i>		28 026
.192	Guernsey	42 716	
.193	Belmont	76 856	
.194	Morgan	16 097	
.195	Noble	18 601	
.196	Monroe	24 244	
.197	Athens	47 798	
.198	Washington	45 422	
1	<i>Marietta</i>		12 923
.199	Meigs	25 594	

.2 Indiana

1809 Indiana territory with present boundaries establish  
 11 Dec. 1816, Indiana admitted as 19th state Area 36,350 sq. mi.  
 Population 2,700,876 in 1910 92 counties  
 Sobriquet: Hoosier state

.21	Southeast counties		
		<i>Population in 1910</i>	
.211	Dearborn	21 396	
.212	Ohio	4 329	
	Switzerland	9 914	
.213	Jefferson	20 483	
.214	Ripley	19 452	
.215	Franklin	15 335	
.216	Decatur	18 793	
.217	Jennings	14 203	
.218	Scott	8 323	
	Clark	30 260	
	<i>Jeffersonville</i>		10 412
.219	Floyd	30 293	
	<i>New Albany</i>		20 629

Indiana

977.22 Central south counties

*Population 1910*

.221	Harrison	20 232
.222	Washington	17 445
.223	Jackson	24 727
.224	Bartholomew	24 813
.225	Brown	7 975
	Monroe	23 426
.226	Lawrence	30 625
.227	Orange	17 192
.228	Crawford	12 057
.229	Perry	18 078

.23 Southwest counties

.231	Spencer	20 676
.232	Warrick	21 911
.233	Vanderburg	77 438
	<i>Evansville</i>	
.234	Posey	21 670
.235	Gibson	30 137
.236	Pike	19 684
.237	Dubois	19 843
.238	Martin	12 950
	Daviness	27 747
.239	Knox	39 183

69 647

.24 West central counties

.241	Sullivan	32 439
.242	Greene	36 873
.243	Owen	14 053
.244	Clay	32 535
.245	Vigo	87 930
	<i>Terre Haute</i>	
.246	Vermilion	18 865
	Parke	22 214
.247	Fountain	20 439
.248	Montgomery	29 296
.249	Putnam	20 520

58 157

.25 Central counties

.251	Morgan	21 182
	Johnson	20 394
.252	Marion	263 661
	<i>Indianapolis</i>	
.253	Hendricks	20 840
.254	Boone	24 673
.255	Clinton	26 674
	Tipton	17 459
.256	Hamilton	27 026
.257	Madison	65 224
	<i>Anderson</i>	
.258	Hancock	19 030
.259	Shelby	26 802

233 650

22 476

DECIMAL CLASSIFICATION

Indiana

977.26 East central counties

*Population 1910*

.261	Rush	19 349	
.262	Fayette	14 415	
	Union	6 260	
.263	Wayne	43 757	
	<i>Richmond</i>		22 324
.264	Henry	29 758	
.265	Delaware	51 414	
	<i>Muncie</i>		24 005
.266	Randolph	29 013	
.267	Jay	24 961	
.268	Blackford	15 820	
.269	Grant	51 426	
.27	Northeast counties		
.271	Huntington	28 982	
.272	Wells	22 418	
.273	Adams	21 840	
.274	Allen	93 386	
	<i>Fort Wayne</i>		63 933
.275	Whitley	16 892	
.276	Noble	24 009	
.277	Dekalb	25 054	
.278	Steuben	14 274	
.279	Lagrange	15 148	
.28	Central north counties		
.281	Elkhart	49 008	
.282	Kosciusko	27 936	
.283	Wabash	26 926	
.284	Miami	29 350	
.285	Howard	33 177	
.286	Cass	36 368	
	<i>Logansport</i>		19 050
.287	Fulton	16 879	
.288	Marshall	24 175	
.289	St Joseph	84 312	
	<i>South Bend</i>		53 684
.29	Northwest counties		
.291	Laporte	45 797	
	<i>Michigan City</i>		19 027
.292	Starke	10 567	
	Pulaski	13 312	
.293	White	17 602	
.294	Carroll	17 970	
.295	Tippecanoe	40 063	
	<i>Lafayette</i>		20 081
.296	Warren	10 899	
.297	Benton	12 688	
	Newton	10 504	
	Jasper	13 044	
.298	Porter	20 540	
.299	Lake	82 864	

HISTORY: UNITED STATES

977.3 Illinois

1809 Illinois territory formed  
 3 Dec. 1818 Illinois admitted  
 Area 56,943 sq. mi.  
 Population 5,638,591 in 1910 102 counties

Population 1910

.31	Cook	2 405 233	
	<i>Chicago</i>		2 135 283
.32	Northeast counties		
.321	Lake	55 058	
.322	McHenry	32 509	
.323	Kane	91 862	
	<i>Aurora</i>		29 807
	<i>Elgin</i>		25 976
.324	Dupage	33 432	
.325	Will	84 371	
	<i>Joliet</i>		34 670
.326	Kendall	10 777	
	Grundy	24 161	
.327	Lasalle	90 132	
	<i>Streator</i>		14 253
.328	DeKalb	33 457	
.329	Boone	15 481	
.33	Northwest counties		
.331	Winnebago	63 153	
	<i>Rockford</i>		45 401
.332	Ogle	27 864	
.333	Stephenson	36 821	
	<i>Freeport</i>		17 567
.334	Jo Daviess	22 657	
	Carroll	18 035	
.335	Whiteside	34 507	
.336	Lee	27 750	
.337	Bureau	43 975	
	Putnam	7 561	
.338	Henry	41 736	
.339	Rock Island	70 404	
	<i>Rock Island (city)</i>		24 335
	<i>Moline</i>		24 199
	Mercer	19 723	
.34	West central counties		
.341	Henderson	9 724	
	Warren	23 313	
.342	McDonough	26 887	
.343	Hancock	30 638	
.344	Adams	64 588	
	<i>Quincy</i>		36 587
.345	Pike	28 622	
	Scott	10 067	
.346	Morgan	34 420	
	<i>Jacksonville</i>		15 326
	Cass	17 372	
.347	Brown	10 397	
	Schuyler	14 852	
.348	Fulton	49 549	
.349	Knox	46 159	

## DECIMAL CLASSIFICATION

## Illinois

## 977.35 Central counties

		<i>Population 1910</i>	
.351	Stark	10 098	
	Marshall	15 679	
.352	Peoria	100 255	
	<i>Peoria (city)</i>		66 950
.353	Woodford	20 506	
.354	Tazewell	34 027	
.355	Mason	17 377	
	Menard	12 796	
.356	Sangamon	91 024	
	<i>Springfield</i>		51 678
.357	Logan	30 216	
.358	Macon	54 186	
	<i>Decatur</i>		31 140
	Dewitt	18 906	
.359	McLean	68 008	
	<i>Bloomington</i>		25 768
.36	East central counties		
.361	Livingston	40 465	
.362	Ford	17 096	
.363	Kankakee	40 752	
.364	Iroquois	35 543	
.365	Vermilion	77 996	
	<i>Danville</i>		27 871
.366	Champaign	51 829	
.367	Piatt	16 376	
	Moultrie	14 630	
.368	Douglas	19 591	
.369	Edgar	27 336	
.37	Southeast counties		
.371	Clark	23 517	
.372	Coles	34 517	
.373	Cumberland	14 281	
.374	Jasper	18 157	
.375	Crawford	26 281	
.376	Lawrence	22 661	
.377	Richland	15 970	
.378	Wabash	14 913	
.379	1 Edwards	10 049	
	2 Wayne	25 697	
	3 Jefferson	29 111	
	4 Marion	35 094	
	5 Clay	18 661	
	6 Effingham	20 055	
	7 Fayette	28 075	
	8 Shelby	31 693	

HISTORY: UNITED STATES

Illinois

977.38 Southwest counties

*Population 1910*

.381	Christian	34 594	
.382	Montgomery	35 311	
.383	Macoupin	50 685	
.384	Greene	22 363	
.385	Calhoun	8 610	
	Jersey	13 954	
.386	Madison	89 847	
	<i>Alton</i>		17 528
.387	Bond	17 075	
	Clinton	22 832	
.388	Washington	18 759	
.389	St Clair	119 870	
	<i>Belleville</i>		21 122
	<i>East St Louis</i>		58 547

.39 Southern counties

.391	Monroe	13 508	
.392	Randolph	29 120	
.393	Perry	22 088	
.394	Franklin	25 943	
.395	Hamilton	18 227	
.396	White	23 052	
.397	Gallatin	14 628	
.398	Hardin	7 015	
.399			
	1 Pope	11 215	
	2 Saline	30 204	
	3 Williamson	45 098	
	4 Jackson	35 143	
	5 Union	21 856	
	6 Johnson	14 331	
	7 Massac	14 200	
	8 Pulaski	15 650	
	9 Alexander	22 741	
	<i>Cairo</i>		14 540

DECIMAL CLASSIFICATION

977.4 Michigan

1805 Organized as separate territory  
 1837 Admitted  
 Area 78,915 sq. mi.  
 Population 2,810,173 in 1910 83 counties

Lower peninsula

.41 Southwest counties

*Population 1910*

.411	Berrien	53 622	
.412	Cass	20 624	
.413	Van Buren	33 185	
.414	Allegan	39 819	
.415	Ottawa	45 301	
.416	Barry	22 633	
.417	Kalamazoo	60 427	
.418	<i>Kalamazoo (city)</i>		39 437
.419	St Joseph	25 499	
.42	Central south counties		
.421	Branch	25 605	
.422	Calhoun	56 638	
	<i>Battle Creek</i>		25 267
.423	Eaton	30 499	
.424	Clinton	23 129	
.425	Shiawassee	33 246	
.426	Ingham	53 310	
.427	<i>Lansing</i>		31 229
.428	Jackson	53 426	
	<i>Jackson (city)</i>		31 433
.429	Hillsdale	29 673	
.43	Southeast counties		
.431	Lenawee	47 907	
.432	Monroe	32 917	
.433	Wayne	531 591	
.434	<i>Detroit</i>		465 766
.435	Washtenaw	44 714	
.436	Livingston	17 736	
.437	Genesee	64 555	
.438	Oakland	49 576	
.439	Macomb	32 606	
.44	Southeast central counties		
.441	St Clair	52 341	
	<i>Port Huron</i>		18 863
.442	Lapeer	26 033	
.443	Sanilac	33 930	
.444	Huron	34 758	
.445	Tuscola	34 913	
.446	Saginaw	89 290	
	<i>Saginaw (city)</i>		50 510
.447	Bay	68 238	
	<i>Bay City</i>		45 166
	<i>West Bay City</i>		
	Annex to Bay City in April 1905		
.448	Midland	14 005	
.449	Gratiot	28 820	



## Michigan

## 977-45 Southwest central counties

Population 1910

.451	Isabella	23 029	
.452	Mecosta	19 466	
.453	Montcalm	32 069	
.454	Ionia	33 550	
.455	Kent	159 145	
.456	<i>Grand Rapids</i>		112 571
.457	Muskegon	40 577	
	<i>Muskegon (city)</i>		24 062
.458	Newaygo	19 220	
.459	Oceana	18 379	
.46	Northwest central counties		
.461	Mason	21 832	
.462	Manistee	26 688	
	<i>Manistee (city)</i>		12 381
.463	Benzie	10 638	
	Leelanau	10 608	
.464	Grand Traverse	23 784	
.465	Kalkaska	8 097	
.466	Missaukee	10 606	
.467	Wexford	20 769	
.468	Lake	4 939	
.469	Osceola	17 889	
.47	Northeast central counties		
.471	Clare	9 240	
.472	Gladwin	8 413	
.473	Arenac	9 640	
.474	Iosco	9 753	
.475	Ogemaw	8 907	
.476	Roscommon	2 274	
.477	Crawford	3 934	
.478	Oscoda	2 027	
.479	Alcona	5 703	
.48	Northern counties		
.481	Alpena	19 965	
.482	Presque Isle	11 249	
.483	Montmorency	3 755	
.484	Otsego	6 552	
.485	Antrim	15 692	
.486	Charlevoix	19 157	
.487	Cheboygar	17 872	
.488	Emmet	18 561	
.489	Manitou		

Annex to Charlevoix and Leelanau in 1896

DECIMAL CLASSIFICATION

Michigan

977-49 Upper peninsula

		<i>Population 1910</i>	
.491	Chippewa	24 472	
.492	Mackinac	9 249	
	Luce	4 004	
.493	Alger	7 675	
	Schoolcraft	8 681	
.494	Delta	30 108	
.495	Menominee	25 648	
	<i>Menominee (city)</i>		<i>10 507</i>
	Dickinson	20 524	
.496	Marquette	46 739	
	<i>Ishpeming</i>		<i>12 448</i>
.497	Baraga	6 127	
	Iron	15 164	
.498	Gogebic	23 333	
	Ontonagon	8 650	
.499	Houghton	88 098	
	Keweenaw	7 156	
	Isle Royale		
	Annex to Keweenaw in 1897		

.5 Wisconsin

1836 organized as territory  
 29 May 1848, admitted as 30th state Area 56,040 sq. mi.  
 Population 2,333,860 in 1910 71 counties  
 Sobriquet: Badger state

.51 Northwest counties

		<i>Population 1910</i>	
.511	Douglas	47 422	
.512	<i>Superior</i>		<i>40 384</i>
.513	Bayfield	15 987	
.514	Burnett	9 026	
.515	Washburn	8 196	
.516	Sawyer	6 227	
.517	Polk	21 367	
.518	Barron	29 114	
.519	Rusk (formerly Gates)	11 160	
	Name changed from Gates to Rusk in 1905. Gates organized from Chippewa in 1901		

.52 Central north counties

.521	Ashland	21 965	
	<i>Ashland (city)</i>		<i>11 594</i>
.522	Iron	8 306	
.523	Vilas	6 019	
.524	Price	13 795	
.525	Oneida	11 433	
.526	Taylor	13 641	
.527	Lincoln	19 064	
.528	Clark	30 074	
.529	Marathon	55 054	
	<i>Wausau</i>		<i>16 560</i>

## Wisconsin

## 977.53 Northeast counties

		<i>Population 1910</i>	
.531	Forest	6 782	
.532	Florence	3 381	
.533	Marinette	33 812	
.534	<i>Marinette (city)</i>		14 610
.535	Langlade	17 062	
.536	Shawano	31 884	
.537	Oconto	25 657	
.538	Waupaca	32 782	
.539	Outagamie	49 102	
	<i>Appleton</i>		16 773
.54	Central west counties		
.541	St Croix	25 910	
.542	Pierce	22 079	
.543	Dunn	25 260	
.544	Chippewa	32 103	
.545	Eau Claire	32 721	
.546	<i>Eau Claire (city)</i>		18 310
.547	Pepin	7 577	
.548	Buffalo	16 006	
.540	Trempealeau	22 928	
.55	Central counties		
.551	Jackson	17 075	
.552	Wood	30 583	
.553	Portage	30 945	
.554	Monroe	28 881	
.555	Juneau	19 569	
.556	Adams	8 604	
.557	Waushara	18 886	
.558	Marquette	10 741	
.559	Green Lake	15 491	
.56	Central east counties		
.561	Brown	54 098	
	<i>Green Bay (city)</i>		25 236
.562	Kewaunee	16 784	
.563	Door	18 711	
.564	Winnebago	62 116	
.565	<i>Oshkosh</i>		33 062
.566	Calumet	16 701	
.567	Manitowoc	44 978	
	<i>Manitowoc (city)</i>		13 027
.568	Pond du Lac	51 610	
	<i>Fond du Lac (city)</i>		18 797
.569	Sheboygan	54 888	
	<i>Sheboygan (city)</i>		26 398
.57	Southwest counties		
.571	La Crosse	43 996	
.572	<i>La Crosse (city)</i>		30 417
.573	Vernon	28 116	
.574	Crawford	16 288	
.575	Richland	18 809	
.576	Sauk	32 869	
.577	Grant	39 007	
.578	Iowa	22 497	
.570	La Fayette	20 075	

DECIMAL CLASSIFICATION

Wisconsin

977.58 Central south counties

*Population 1910*

.581	Columbia	31 129	
.582	Dodge	47 436	
.583	Dane	77 435	
.584	<i>Madison</i>		25 531
.585	Jefferson	34 306	
.586	Green	21 641	
.587	Rock	55 538	
	<i>Janesville</i>		13 894
.588	<i>Beloit</i>		15 125
.589	Walworth	29 614	
.59	Southeast counties		
.591	Washington	23 784	
.592	Ozaukee	17 123	
.593	Waukesha	37 100	
.594	Milwaukee	433 187	
.595	<i>Milwaukee (city)</i>		373 857
.596	Racine	57 424	
.597	<i>Racine (city)</i>		38 002
.598	Kenosha	32 929	
.599	<i>Kenosha (city)</i>		21 371

.6 Minnesota

3 Mar. 1849, organized as territory from Northwest territory and Louisiana purchase  
 11 May 1858, east part admitted as 32d state; west part merged in Dakota territory 1861  
 Population 2,075,708 in 1910  
 Area 80,858 sq. mi. 86 counties

.7 Iowa

12 June 1838, organized as a territory  
 28 Dec. 1846, admitted as 29th state Area 56,025 sq. mi.  
 Population 2,224,771 in 1910 99 counties  
 Sobriquet: Hawkeye state

.71 Northwest counties

*Population 1910*

.711	Lyon	14 624
6	Osceola	8 956
.712	Dickinson	8 137
5	Emmet	9 816
.713	Sioux	25 248
.714	O'Brien	17 262
.715	Clay	12 766
5	Palo Alto	13 845
.716	Plymouth	23 129
.717	Cherokee	16 741
.718	Buena Vista	15 981
.719	Pocahontas	14 808

Iowa

977.72 Central north counties

Population 1910

.721	Kossuth	21 971	
.722	Winnebago	11 914	
.723	Worth	9 950	
4	Mitchell	13 435	
.724	Hancock	12 731	
.725	Cerro Gordo	25 011	
.726	Floyd	17 119	
.727	Humboldt	12 182	
4	Wright	17 951	
.728	Franklin	14 780	
.729	Butler	17 119	
.73	Northeast counties		
.731	Howard	12 920	
5	Chickasaw	15 375	
.732	Winneshiek	21 729	
.733	Allamakee	17 328	
.734	Bremer	15 843	
.735	Fayette	27 919	
.736	Clayton	25 576	
.737	Blackhawk	44 865	
1	<i>Waterloo</i>		26 693
.738	Buchanan	19 748	
5	Delaware	17 888	
.739	Dubuque	57 450	
1	<i>Dubuque (city)</i>		38 494
.74	Central west counties		
.741	Woodbury	67 616	
1	<i>Sioux City</i>		47 828
.742	Ida	11 296	
4	Sac	16 555	
.743	Calhoun	17 090	
.744	Monona	16 633	
.745	Crawford	20 041	
.746	Carroll	20 117	
6	Greene	16 023	
.747	Harrison	23 162	
.748	Shelby	16 552	
6	Audubon	12 671	
.749	Guthrie	17 374	
.75	Central counties		
.751	Webster	34 629	
1	<i>Fort Dodge</i>		13 374
.752	Hamilton	19 242	
.753	Hardin	20 921	
7	Grundy	13 574	
.754	Boone	27 626	
6	Story	24 083	
755	Marshall	30 279	
1	<i>Marshalltown</i>		13 374
.756	Tama	22 156	
.757	Dallas	23 628	
.758	Polk	110 438	
1	<i>Des Moines</i>		86 368
.759	Jasper	27 034	
6	Poweshiek	19 589	

## DECIMAL CLASSIFICATION

## Iowa

977.76	Central east counties		
		<i>Population 1910</i>	
.761	Benton	23 156	
.762	Linn	60 720	
I	<i>Cedar Rapids</i>		32 811
.763	Jones	19 050	
.764	Jackson	21 258	
.765	Iowa	18 409	
5	Johnson	25 914	
.766	Cedar	17 765	
.767	Clinton	45 394	
I	<i>Clinton (city)</i>		25 577
.768	Muscatine	29 505	
I	<i>Muscatine (city)</i>		16 178
.769	Scott	60 000	
I	<i>Davenport</i>		43 028
.77	Southwest counties		
.771	Pottawattamie	55 832	
I	<i>Council Bluffs</i>		29 292
.772	Cass	19 047	
.773	Adair	14 420	
.774	Mills	15 811	
.775	Montgomery	16 604	
.776	Adams	10 998	
.777	Fremont	15 623	
.778	Page	24 002	
.779	Taylor	16 312	
.78	Central south counties		
.781	Madison	15 621	
.782	Warren	18 194	
.783	Marion	22 995	
.784	Mahaska	29 860	
.785	Union	16 616	
6	Clarke	10 736	
.786	Lucas	13 462	
5	Monroe	25 429	
.787	Ringgold	12 904	
5	Decatur	16 347	
.788	Wayne	16 189	
.789	Appanoose	28 701	
.79	Southeast counties		
.791	Keokuk	21 160	
.792	Washington	19 925	
6	Louisa	12 855	
.793	Wapello	37 743	
I	<i>Ottumwa</i>		22 012
.794	Jefferson	15 951	
.795	Henry	18 640	
.796	Des Moines	36 145	
I	<i>Burlington</i>		24 324
.797	Davis	13 315	
.798	Van Buren	15 020	
.799	Lee	36 702	
I	<i>Keokuk (city)</i>		14 008

977.8 Missouri

7 Dec. 1812, organized as a territory  
 10 Aug. 1821, admitted as 24th state Area 69,415 sq. mi.  
 Population 3,293,335 in 1910 114 counties and St Louis  
 Sobriquets: Bullion state, Iron state

.81	Northwest counties		<i>Population in 1910</i>	
.811	Atchison	13	604	
5	Holt	14	539	
.812	Nodaway	28	833	
6	Andrew	15	282	
.813	Buchanan	93	020	
1	<i>St Joseph</i>			77 403
5	Platte	14	429	
.814	Worth	8	007	
5	Gentry	16	820	
.815	Dekalb	12	531	
5	Clinton	15	297	
.816	Clay	20	302	
.817	Harrison	20	466	
.818	Daviess	17	605	
5	Caldwell	14	605	
.819	Ray	21	451	
.82	Central north counties			
.821	Mercer	12	335	
5	Grundy	16	744	
.822	Livingston	19	453	
5	Carroll	23	098	
.823	Putnam	14	308	
5	Sullivan	18	598	
.824	Linn	25	253	
.825	Chariton	23	503	
.826	Schuyler	9	062	
4	Adair	22	700	
.827	Macon	30	868	
.828	Randolph	26	182	
1	<i>Moberly</i>			10 923
5	Howard	15	653	
.829	Boone	30	533	
.83	Northeast counties			
.831	Scotland	11	869	
5	Knox	12	403	
.832	Shelby	14	864	
5	Monroe	18	304	
.833	Audrain	21	687	
5	Callaway	24	400	
.834	Clark	12	811	
5	Lewis	15	514	
.835	Marion	30	572	
1	<i>Hannibal</i>			18 341
5	Ralls	12	913	
.836	Pike	22	556	
.837	Lincoln	17	033	
.838	Montgomery	15	604	
6	Warren	9	123	
.839	St Charles	24	695	

DECIMAL CLASSIFICATION

Missouri

977.84	Central west counties		
.841	Jackson	283 522	
i	<i>Kansas City</i>		248 381
.842	Cass	22 973	
.843	Bates	25 869	
.844	Vernon	28 827	
.845	Lafayette	30 154	
5	Johnson	26 297	
.846	Henry	27 242	
6	St Clair	16 412	
.847	Saline	29 448	
.848	Pettis	33 913	
i	<i>Sedalia</i>		17 822
.849	Benton	14 881	
6	Hickory	8 741	
.85	Central counties		
.851	Cooper	20 311	
.852	Moniteau	14 375	
.853	Morgan	12 863	
.854	Camden	11 582	
.855	Cole	21 957	
i	<i>Jefferson City</i>		11 850
.856	Miller	16 717	
.857	Pulaski	11 438	
.858	Osage	14 283	
.859	Maries	10 088	
4	Phelps	15 796	
.86	Central east counties		
.861	Gasconade	12 847	
.862	Crawford	13 576	
.863	Franklin	29 830	
.864	Washington	13 378	
.865	St Louis	82 417	
.866	<i>St Louis (city)</i>	687 029	
.867	Jefferson	27 878	
.868	St François	35 738	
.869	Ste Genevieve	10 607	
4	Perry	14 898	



HISTORY: UNITED STATES

Missouri

977.87	Southwest counties		
.871	Barton	16	747
.872	Jasper	89	673
1	<i>Joplin</i>		32 073
2	<i>Webb City</i>		11 817
.873	Newton	27	136
6	McDonald	13	539
.874	Cedar	16	080
5	Dade	15	613
.875	Lawrence	26	583
.876	Barry	23	869
.877	Polk	21	561
.878	Greene	63	831
1	<i>Springfield</i>		35 201
.879	Christian	15	832
4	Stone	11	559
7	Taney	9	134
.88	Central south counties		
.881	Dallas	13	181
5	Laclede	17	363
.882	Webster	17	377
5	Wright	18	315
.883	Douglas	16	664
5	Ozark	11	926
.884	Texas	21	458
.885	Howell	21	065
.886	Dent	13	245
.887	Shannon	11	443
5	Oregon	14	681
.888	Iron	8	563
5	Reynolds	9	592
.889	Carter	5	504
4	Ripley	13	099
.89	Southeast counties		
.891	Madison	11	273
.892	Wayne	15	181
.893	Butler	20	624
.894	Bollinger	14	576
.895	Stoddard	27	807
.896	Cape Girardeau	27	621
.897	Scott	22	372
.898	Mississippi	14	557
5	New Madrid	19	488
.899	Dunklin	30	328
6	Pemiscot	19	559

## 978 Western or Mountain

Including general works on ' the West '

- .1 Kansas**  
 1541 explored by Spanish  
 30 May 1854 organized as separate territory, after successiv inclusion in Louisiana and Missouri territories  
 29 Jan. 1861 admitted as 34th state Area 81,774 sq. mi.  
 Population 1,690,949 in 1910 105 counties  
 Sobriquet: Garden of the west
- .2 Nebraska**  
 30 May 1854 territory organized out of Missouri territory  
 1 Mar. 1867 admitted as 37th state Area 76,808 sq. mi.  
 Population 1,192,214 in 1910 92 counties  
 Sobriquet: Blackwater state
- .3 South Dakota** Including works on Dakota as a whole  
 2 Nov. 1889 admitted as 40th state (Dakota ter. organized 2 Mar. 1861, divided into North and South Dakota)  
 Area 76,868 sq. mi. Population 583,888 in 1910 68 counties  
 Sobriquet: Coyote state
- .4 North Dakota**  
 2 Nov. 1889 admitted as 39th state (Dakota ter. organized 2 Mar. 1861, divided into North and South Dakota)  
 Area 70,183 sq. mi. Population 577,056 in 1910 49 counties  
 Sobriquet: Flickertail state
- .5**
- .6 Montana**  
 26 May 1864 territory organized. Name means Mountain land  
 8 Nov. 1889 admitted as 41st state Area 146,201 sq. mi.  
 Population 376,053 in 1910 28 counties  
 Sobriquet: Treasure state
- .7 Wyoming**  
 25 July 1868 Wyoming territory organized  
 10 July 1890 admitted as 44th state Area 97,594 sq. mi.  
 Population 145,965 in 1910 15 counties  
 Sobriquet: Stub Toe state
- .8 Colorado**  
 28 Feb. 1861 Colorado territory organized  
 1 Aug. 1876 admitted as 38th state Area 103,658 sq. mi.  
 Population 799,024 in 1910 60 counties  
 Sobriquet: Centennial state
- .9 New Mexico**  
 2 Feb. 1848 ceded by Mexico  
 9 Sep. 1850 territory organized; enlarged 1853 by Gadsden purchase  
 6 Jan. 1912 admitted as 47th state Area 122,503 sq. mi.  
 Population 327,301 in 1910 26 counties

## 979 Pacific

- .1 Arizona**  
 2 Feb. 1848 ceded by Mexico, and enlarged by Gadsden purchase 1853  
 24 Feb. 1863 territory organized  
 14 Feb. 1912 admitted as 48th state Area 113,810 sq. mi.  
 Population 204,354 in 1910 13 counties
- .2 Utah**  
 2 Feb. 1848 ceded by Mexico 9 Sep. 1850 territory organized  
 4 Jan. 1896 admitted as 45th state Area 82,184 sq. mi.  
 Population 373,351 in 1910 27 counties  
 Sobriquet: Salt Lake state
- .3 Nevada**  
 2 Mar. 1861 territory organized  
 31 Oct. 1864 admitted as 36th state Area 109,821 sq. mi.  
 Population 81,875 in 1910 15 counties  
 Sobriquet: Silver state

979.4

**California**

Admitted 9 Sep. 1850, as 31st state Area 155,652 sq. mi.

Population 2,377,549 in 1910 58 counties

**Northern or Superior California**

Use 979.41 as a general number, including .41-.43

Sobriquet: Golden state

		<i>Population in 1910</i>
.41	Coast range counties, north	
.411	Del Norte	2 417
.412	Humboldt	33 857
.414	Trinity	3 301
.415	Mendocino	23 929
.417	Lake	5 526
.418	Sonoma	48 394
.419	Napa	19 800
.42	Northeast counties	
.421	Siskiyou	18 801
.423	Modoc	6 191
.424	Shasta	18 920
.426	Lassen	4 802
.427	Tehama	11 401
.429	Plumas	5 259
.43	North central counties	
.431	Glenn	7 172
.432	Butte	27 301
.433	Colusa	7 732
.434	Sutter	6 328
.435	Yuba	10 042
.426	Sierra	4 098
.437	Nevada	14 955
.438	Placer	18 237

**Central California**

Use 979.44 as a general number, including .44-.48

.44	East central counties	
.441	El Dorado	7 492
.442	Amador	9 086
.443	Alpine	309
.444	Calaveras	9 171
.445	Tuolumne	9 979
.446	Mariposa	3 956
.447	<i>Yosemite</i>	
.448	Mono	2 042
.45	Central counties	
.451	Yolo	13 926
.452	Solano	27 559
.453	Sacramento	67 806
.454	<i>Sacramento</i> (city)	44 696
.455	San Joaquin	50 731
.456	<i>Stockton</i>	23 253
.457	Stanislaus	22 522
.458	Merced	15 148

DECIMAL CLASSIFICATION

California

979.46	West central counties	San Francisco group	
.461	San Francisco co. and city	416 912	
.462	Marin	25 144	
.463	Contra Costa	31 674	
.465	Alameda	246 131	
	<i>Alameda</i> (city)		23 383
.466	<i>Oakland</i>		150 174
.467	<i>Berkeley</i>		40 434
.469	San Mateo	26 585	
.47	Coast range counties, south		
.471	Santa Cruz	26 140	
.473	Santa Clara	83 539	
.474	<i>San Jose</i>		28 946
.475	San Benito	8 041	
.476	Monterey	24 146	
.478	San Luis Obispo	19 383	
.48	South central counties		
.481	Madera	8 368	
.482	Fresno	75 657	
.483	<i>Fresno</i> (city)		24 892
.485	Kings	16 230	
.486	Tulare	35 440	
.487	Inyo	6 974	
.488	Kern	37 715	

Southern California

.49	Southern counties		
.491	Santa Barbara	27 738	
	Ilands: Santa Miguel, Santa Rosa, Santa Cruz, Santa Barbara		
.492	Ventura	18 347	
	Ilands: Anacapa, San Nicholas		
.493	Los Angeles	504 131	
	Ilands: Santa Catalina, San Clemente		
.494	<i>Los Angeles</i> (city)		319 198
.495	San Bernardino	56 706	
.496	Orange	34 436	
.497	Riverside	34 696	
.498	San Diego	61 665	
	<i>San Diego</i> (city)		39 578
.499	Imperial	13 591	

.5 Oregon  
 14 Aug. 1848 territory organized 14 Feb. 1859 admitted as 33d state Area 96,607 sq. mi. Population 672,765 in 1910 34 counties Sobriquet: Beaver state

.6 Idaho  
 3 Mar. 1863 territory organized. Part of Louisiana purchase. First included in Oregon, later in Washington territory  
 3 July 1890 admitted as 43d state Area 83,354 sq. mi.  
 Population 325,594 in 1910 23 counties

.7 Washington  
 2 Mar. 1853 territory organized; earlier, part of Oregon territory  
 11 Nov. 1889 admitted as 42d state Area 66,836 sq. mi.  
 Population 1,141,990 in 1910 38 counties  
 Sobriquet: Evergreen state

.8 Alaska  
 30 Mar. 1867 ceded by Russia 24 Aug. 1912 organized as territory  
 Area 590,884 sq. mi. Population 64,356 in 1910

- 980 **South America**  
 981 Brazil  
 982 Argentina Patagonia  
 983 Chile  
 984 Bolivia  
 985 Peru  
 986 U. S. of Colombia Panama New Granada  
 Ecuador  
 987 Venezuela  
 988 Guiana  
 989 Paraguay Uruguay
- 990 **Oceanica Polar regions**  
 991 **Malaysia**  
     .1 Borneo .2 Celebes .3 Moluccas or Spice islands .4 Phillippine  
     islands  
 992 **Sunda**  
     .1 Sumatra .2 Java  
 993 **Australasia**  
     .1 New Zealand .2 New Caledonia .3 Loyalty islands .4 New  
     Hebrides .5 Solomon islands .6 New Britain, New Ireland  
     .7 Admiralty islands  
 994 **Australia**  
     .1 Western Australia .2 South Australia .3 Queensland .4 New  
     South Wales .5 Victoria .6 Tasmania
- 995 **New Guinea**  
 996 **Polynesia**  
     .1 Fiji, Friendly and Navigator islands .2 Society, Austral and  
     Cook's islands .3 Marquesas islands and Low Archipelago .4 Minor  
     Polynesian islands .5 **Micronesia** .6 Caroline and Pelew islands  
     .7 Ladrone islands .8 Marshall and Gilbert islands .9 Hawaii
- 997 **Isolated islands**  
 998 **Arctic regions**  
     General number for Polar regions
- 999 **Antarctic regions**



# RELATIV SUBJECT INDEX

## INDEX ABBREVIATIONS

**Cutter forename abbreviations** Most common forenames of men are denoted by initial and colon; of women by initial and double period.

A.. Anna	G: George	L.. Louisa	S: Samuel
A: Augustus	G.. Grace	M: Mark	S.. Sarah
B.. Beatrice	H.. Helen	M.. Mary	T.. Theresa
B: Benjamin	H: Henry	N.. Nancy	T: Thomas
C: Charles	I: Isaac	N: Nicholas	U: Ulrich
C.. Charlotte	I.. Isabella	O.. Olivia	U.. Ursula
D: David	J.. Jane	O: Otto	V: Victor
D.. Delia	J: John	P.. Pauline	V.. Victoria
E: Edward	K: Karl	P: Peter	W.. Wilhelmina
E.. Elizabeth	K.. Kate	R.. Rebecca	W: William
F.. Fanny	L: Lewis	R: Richard	Z.. Zenobia
F: Frederick			

**Other abbreviations** exclusiv of common geografic abbreviations and others selfexplanatory; e. g. those made by omitting final -ment, -ogy, -rafy, -tion, -ture, obscure syllables, etc.

adj.	adjutant	elec.	electric -ity	nat.	natural, nature
anal.	analysis	eng.	engineering	nonchr.	nonchristian
anat.	anatomy	eth.	ethical, ethics	ord.	order, orders
anc.	ancient	exped.	expedition	ordn.	ordnance
antiq.	antiquities	fest.	festival	org.	organ -ic
arch.	archeology	fic. <i>or</i>	fiction	orig.	origin -al
	architecture	fict.		phil.	philosofer -y
ass'n	association	gard.	gardening	philol.	philology
astr.	astronomy	gen.	general	phot.	photografic -y
bibliog.	bibliografic	geod.	geodesy	phys.	physical
biog.	biografy	geog.	geografic		physiologic -y
bdg	bilding	geol.	geology	poet.	poetry
bus.	business	geom.	geometry	pol. <i>or</i>	political <i>or</i>
ch.	church	gov. <i>or</i>	government	polit.	politics
chem.	chemic	gov't		prac.	practical
	chemistry	histol.	histology	pres.	presidency
chr.	christian	hist.	historic -y		president
civ.	civil	hum.	humor	prob.	probabilities
co.	county	hyg.	hygiene	prot.	protection
cont.	contagious	instr.	instrument	psych.	psychologic -y
cost.	costume	lang.	language	pub.	public
crim.	criminal	lib.	library -ian	reg.	region
Dan.	Danish	lig.	ligament	relig.	religion, -ous
dec.	decoration	lit.	literature	rit.	ritual
descr.	description	loc.	local -ity	sat.	satire
	descriptiv	mach.	machine -ry	sci.	science, -tific
diff.	different	manuf.	manufactures	serm.	sermons
dis.	diseases	mech.	mechanic	soc.	social, society
discov.	discovery	ment.	mental	stat.	statutes
doc.	doctrin -al	meth.	methods	subj.	subject
dom.	domestic	mfg	manufacturing	tech.	technology
dram.	drama	mil.	military	theol.	theologic -y
dwel.	dwelling	min.	mineral	theor.	therapeutic
eccles.	ecclesiastic		mining	therap.	therapeutics
	ecclesiology	misc.	miscellany	wks	works
econ.	economic -y	mon.	monastic		



## HOW TO USE THIS INDEX

Find the subject desired in its alphabetical place in the index. The number after it is its class number and refers to the place where the topic will be found, in numerical order of class numbers, on the shelves or in the subject catalogs. All class numbers are decimals; i. e., 571.34, Bronze remains, comes before 571.4, Iron age, and both of them before 572, Ethnology. Printed labels on the shelves or drawer fronts guide readily to the class number sought.

Under this class number will be found the resources of the library on the subject desired. Other subjects near the one sought may often be consulted with profit; e. g., Communism is the topic wanted and the index refers to 335.4, but 335, Socialism, and even the inclusive division 33c, Political economy, also contain much on this subject. The reverse is equally true; the full material on Socialism can only be had by looking at its divisions 335.3, Fourierism, 335.4, Communism, etc. The topics which are thus subdivided are plainly marked in the index by heavy faced type.

## THIS INDEX CONTAINS

in a single alphabet all the subjects named in the Complete Tables of the Decimal Classification together with their synonyms and such other useful topics as could be found in a selection of the largest dictionary and subject catalogs.

Where nothing is found under any number it shows that the library does not yet possess any book on that topic.

## IT DOES NOT INCLUDE

all names of places, minerals, plants, etc., but gives only those used in the full tables and a farther selection of the most common and useful. It is not a biographical dictionary and gives no names of persons as biographical headings, but only such as appear in the tables in connection with some subject like Philosophy, Literature, or History.

To avoid swelling the index by frequent repetitions of long lists of sub-divisions under every country, language, etc., five general tables have been prepared; viz. 1, Geographical divisions; 2, Form divisions; 3, Languages; 4, Philological divisions; 5, Literatures. These are placed at the end and referred to from all such topics in the index. Explanations precede each index table.

## Relativ Subject Index

A B C telegraf	elec. eng.	621.38222	Abduction	criminal law	343	
A là carte table system		642.53	Abductors	anatomy		
Aagesen, Svend	Dan. misc.	839.8812		digiti quinti brevis	611.73776	
Abacus	arithmetic	511.2		hallucis	611.7389	
Abandon children, <i>see</i> Dependents				of thumb, long	611.73767	
Abattoirs				short	611.73773	
architecture		725.28	Abecedarians	christ. sect	284.3	
public health		614.741	Abelard	medieval philos.	189.4	
sanitary engineering		628.549	Abelian functions		517.36	
Abassides	history	956	<sup>1</sup> Aberdeen, Scot.	history	941.25	
Abbeville, treaty	inter. law	341.2		travels	914.125	
Abbey schools	education	377.3	Aberration			
Abbeys	architecture	726.7	Astronomy	corrections	522.94	
	history	271	chromatic	optics	535.4	
Abbot of misrule	customs	394	mental	disease	616.8	
Abbots	monastic orders	271		hospitals	362.2	
Abbreviations				insanity	132	
English paleografy		421.8		puerperal	618.76	
Greek	"	481.8		spheric	optics	535.3
Latin	"	471.8	Abeyance		347.6	
<sup>3</sup> other languages			Ability, human	doctrin	233.4	
literary methods		029.4	Abiogenesis			
shorthand		653.1	animals		591.161	
Abchasian language		494	biology		576.1	
Abdication			plants		581.161	
absolute monarchy		321.6	Abipones	history	982	
constitutional history		342	<sup>1</sup> Abitibi co. Que.	history	971.412	
	monarchy	321.7	Abjuration			
Abdomen	anatomy	611.95	oath of	relig. hist.	283.42	
	surgery	617.55	Ablation			
Abdominal			of brain	physiology	612.8226	
aorta	anatomy	611.136	liver	"	612.359	
esophagus	"	611.3293	stomach	"	612.3235	
lymph glands	"	611.465	Ablativ	Latin syntax	475.5	
lymphatics	"	611.4215	Ablaut	Eng. orthografy	421.2	
muscles	"	611.736		Ger. "	431.2	
oblique muscles	"	611.7363	<sup>3</sup> other languages			
sympath. ganglions	"	611.899	Ablution	Anglican ritual	264.035	
	physiol.	612.893	Abnormal			
	nervs anat.	611.8393	children	child study	136.76	
Abdomino-aortic				education	371.9	
glands	anatomy	611.4652		development of embryo	617.3	
Abducent				labor	obstetrics	618.5
nerv	anatomy	611.8316	Abo, peace of	treaties	341.2	
eye		612.8466	Abode of animals			
physiology		612.8196	geografic distribution		591.9	
nucleus	anatomy	611.8175	habits		591.52	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Abolition			Absorption		
movement	U. S. hist.	973.7114	in peritoneum	physiol.	612.3391
of legis. bodies	pol. sci.	328.394	<b>stomach</b>	"	<b>612.3227</b>
slavery	" "	326.8	urin. passages	"	612.4672
	U. S. hist.	973.714	lymphatic	"	612.426
<b>Abolitionists</b>	<b>biography</b>	<b>923.6</b>	of heat	physics	536.34
Aborigines			light	"	535.3
American antiquities		913.7	liquids	"	532.7
ethnology		572.97	in lungs	physiol.	612.2159
<b>history</b>		<b>970.1</b>	<b>physiology</b>		<b>612.38</b>
prehistoric archeology		571	Abstinence	asceticism	248
Abortion				temperance	178.2
ethics		173.4	Abstracting	lit. methods	029.4
<b>law</b>		<b>343</b>	Abstraction	philosophy	153.3
pathology of pregnancy		618.39	Abstracts of titles	law	347.2
About, E.F.V.	French fic.	843.86	Abutments	bridges	624.16
Abrasions	surgery	617.13	<sup>1</sup> Abyssinia	history	963
Abrasives	engineering	621.92	<sup>4</sup>	language	492.8
Abraxas	gems	736		travel	916.3
	gnostics	273.1	Academic		
Abridged notation			<b>degrees and costume</b>		<b>378.2</b>
modern analyt. geom.		516.52	<b>education</b>		<b>373</b>
Abridging	literary meth.	029.4	freedom	education	378.121
	<b>shorthand</b>	<b>653</b>		pol. sci.	323.444
Abridgments	Eng. law	346.5		sermons	252.5
	U. S. law	345.5	Academicians, biography of		920.6
<sup>1</sup> Abruzzo, Italy	history	945.71	Academies		
	travels	914.571	architecture		727.2
Abscess			<b>female</b>		<b>376.9</b>
in lungs	diseases	616.244	<b>learned gen. societies</b>		<b>060</b>
surgery		617.23	<sup>2</sup>	of special subj. see subj.	
Absence			<sup>2</sup>	<b>national gen. societies</b>	<b>060</b>
leave of	laboring classes	331.816		of special subj. see subj.	
	military sci.	355.11	<b>private, for boys</b>		<b>373</b>
permits	school rewards	371.53		girls	376.9
Absences	school disciplin	371.52		<b>mixt</b>	<b>373</b>
Absent voting	suffrage	324.247	<b>public, history</b>		<b>379</b>
Absenteeism	Irish hist.	941.5		theory	379.171
Absentmindedness	psych.	151.4	scientific		506
Absolute geometry		513.8	Academy, new	Gk philos.	186.2
	majority suffrage	324.262		<b>older</b>	<b>184</b>
	the ontology	111	<sup>1</sup> Acadia, Nova Scotia	hist.	971.6
Absolution	sacrament	265.6	<b>Acalepha</b>	zoology	593.73
Absolutism	pol. sci.	321.6	Acanthaceæ	botany	583.86
	predestination	234.9	Acanthocephala	parasites	616.966
<b>Absorbent system</b>	<b>animals</b>	<b>591.13</b>	Acanthopteri	zoology	597.5
	<b>man</b>	<b>612.3</b>	Acapnea	physiol.	612.2842
	<b>plants</b>	<b>581.13</b>	Acaridæ	animal parasites	616.9685
Absorbing wells	sanita.	628.542		zoology	595.4
Absorption			Acarmania, Greece	ancient	938.3
by skin	physiology	612.791	Acceleration of the moon		523.33
hygiene of employment		613.63	Accent		
<b>in intestin</b>	<b>physiology</b>	<b>612.3327</b>	<sup>3</sup>	pronunciation	Eng. lang. 421.6
large intestin	"	612.364	<sup>3</sup>	prosody	" " 426.1

Access to library shelvs	024.56	Accounts	
Accession		book-keeping	657
book library admin.	025.24	household dom. econ.	647.1
dep't " "	025.2	laundry	648.11
Accessories		library admin.	025.114
accumulator elec. eng.	621.3547	supervision of bilding	692.7
architectural	729.9	Accouterments mil. science	355.81
arc-light elec. eng.	621.3257	Accubation soc. customs	394.1
artillery mil. "	623.46	Accumulation capital	331
boiler steam "	621.1847	Accumulator	
chemic receptacles	542.23	panels elec. eng.	621.31728
electric		substations " "	621.31265
machinery elec. eng.	621.316	Accumulators	
rolling stock " "	621.3344	electric engineering	621.354
traction line " "	621.3327	hydraulic	621.254
gasoline engins	621.437	physics	537.84
hydraulic machinery	621.267	telephone stations	621.38762
library bildings	022.349	Accusativ	
of dress domest. econ.	646.48	etymology, Greek	482.5
primary cell elec. eng.	621.3537	Latin	472.5
school bildings	371.629	<sup>3</sup> other languages	
steam plant	621.197	syntax, Greek	485.5
telegraf	621.38329	Latin	475.5
voltaic battery engin'g	621.352	<sup>3</sup> other languages	
Accessory		Acephala zoology	594.1
nuclei anatomy	611.8187	Acetabulum anatomy	611.7181
obturator nerv anatomy	611.83561	Acetates diuretics	615.761
Accidence		Acetonuria physiol.	612.46661
English language	425.1	Acetylene	
<sup>3</sup> other languages		chemic technology	665.8
Accident		heat prac. chem.	542.42
insurance business	368.4	light dom. econ.	644.314
economics	331.25	lib. "	022.753
Accidents		stoves	643.334
dangerous occupations	613.66	Acetylenes organ. chem.	547.23
medicin	617.1	Achaia, Greece anc. hist.	938.7
military explosivs	623.483	Achaian leag " "	938.08
miners	622.85	Achlamydosporeæ botany	583.94
police mesures	351.74	Achlorophyllæ botany	589.9
protection of public	614.8	Achromatism optics	535.4
railroad	656	Acid	
Acclimation		in gastric juice physiol.	612.3212
animals	591.52	poisons therapeutics	615.921
evolution	575.3	waters mining eng.	622.57
hygiene	613.11	Acidimetry chemistry	545.2
man	573.4	Acids	
mental influence	136.2	aids to digestion	615.7343
plants	581.52	chemic technology	661.2
Accommodation, optic		disinfectants	614.484
disorders of	617.75	fixt materia medica	615.34
physiology	612.8421	organic chemistry	547.7
Accomplises crim. law	343	qualitativ analysis	544.13
Accordeon music	788.9	theoretic chemistry	541.4
Accountability doctrin	233.4	vegetable drugs	615.338

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Acini of breasts anatomy	611.692	Acupuncture therapeutics	615.814
Acology medicin	615.5	Acute diseases	616
Aconite		Acyclic machines elec. eng.	021.313291
botany	583.111	Ad valorem duty	
medicins	615.323111	customs	336.26
poisons	615.98	protection	337
therapeutics	615.716	taxes	336.26
Acorn, colonial order of the	369.126	Adages	
Acoustic		English literature	828
nerv anatomy	611.8318	<sup>5</sup> other literatures	
physiol. of ear	612.8585	folklore	398.9
" " nervs	612.8198	<sup>1</sup> Adair co. Ia. history	977.773
perception "	612.8587	Mo. "	977.8264
Acoustics		Adam, Onkle Swed. fict.	839.7364
applications to architect.	534.84	Adam de la Halle Fr. dram.	842.12
music	781.1	Adamites heresy	273.9
physics	534	Adams, J: presidency of	973.44
Acquisition		J: Q. "	973.55
library methods	025.22	<sup>1</sup> Adams co. Ill. history	977.344
territory pol. sci.	320.126	travels	917.7344
Acrania zoology	597.1	<sup>1</sup> Ind. history	977.273
Acrididæ entomology	595.73	Ia. "	977.776
Acrobats		<sup>1</sup> O. "	977.186
amusements	791	<sup>1</sup> Pa. "	974.842
ethics	175.1	<sup>1</sup> Wis. "	977.556
Acrogens botany	586	<sup>1</sup> Adana, Asiatic Turk. hist.	956.4
Acromioclavicular joint	611.72724	Adaptation evolution	575.3
Acromion anatomy	611.7171	Adapters prac. chem.	542.231
Acromiothoracic arteries	611.1341	Adding machines	510.8
Acropolis		<sup>1</sup> Addington co. Ont. hist.	971.359
architecture	722.8	Addison, J. Eng. essays	824.52
Grecian antiquities	913.385	<sup>1</sup> Addison co. Vt. history	974.35
Acrostics Eng. language	828	travels	917.435
Actinaria zoology	593.65	Addison's disease	616.45
Acting		Addition arithmetic	511.2
ethics	175.2	Addresses	
theater	792	American literature	815
Actiniaria zoology	593.6	<sup>5</sup> other "	
Actinism optics	535.85	and petitions	
photografy	771	control of admin.	351.97
Actinium chemistry	546.842	legislativ procedure	328.372
Actinometer physics	536.6	library propagandism	021.78
Actinotherapy medicin	615.831	on education	370.4
Actinozoa zoology	593.6	<sup>2</sup> spec. topics see topic	
Action legislativ procedure	328.374	U. S. history civil war	973.794
Actions legal procedure	347.9	revolution	973.394
Actors biografy	927.92	war of 1812	973.5294
Acts		Addressing machines print.	655.36
and resovls Am. stat.	345.1	Adductors	
Eng. "	346.1	of thigh anatomy	611.73824
of learned societies gen.	060	toes	611.7389
for spec. subjects see topic		"	611.73773
legislativ bodies, U. S.	345.1	pollicis	611.73773
the Apostles	226.6	Adenoid tissue histology	611.01824
Aculeata zoology	595.79		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Adenoids pathology	616.21	Adulterations	
surgery	617.42	fertilizers agric.	631.818
Adhesion physics	539.2	<b>public helth</b>	<b>614.3</b>
Adipogenic function		Adultery ethics	176.6
physiology	612.3522	<b>law</b>	<b>343</b>
Adipose		Advent Anglican festivals	264.031
bodies anatomy	611.39	second christol.	232.6
tissue histology	611.01826	Adventists, second biog.	922.83
Adiposity physiol.	612.3977	sect	289.3
Adirondacks travel	917.4753	Adventitious nerv sheath	
Adjectiv forms		histology	611.018835
<sup>3</sup> etymology Eng. lang.	422.6	Adventures biograpy	923.9
<sup>3</sup> inflection " "	425.16	<b>travels, etc.</b>	<b>910</b>
<sup>3</sup> syntax " "	425.6	Adverbs, etymol. Eng.lang.	422.9
<sup>3</sup> other languages		<sup>3</sup> other lang.	
Adjournment legis. bod.	328.356	<sup>3</sup> syntax Eng. lang.	425.9
Adjustable speed motors	621.313247	<sup>3</sup> other lang.	
Adjutages	532.52	Adverse possession law	347.2
Adjutant general's rpt, U. S.	353.6	Adversity pauperism	339
Administration		Advertising	
engineering works	621.704	bilding contracts	692.4
household dom. econ.	647	commerce	659.1
individual libraries	025.18	department journalism	070.36
library	025	library propagandism	021.73
of medicins therapeutics	615.6	publishing	655.55
political science	350	self newspaper expenses	070.348
Administrativ		methods	070.336
action, subjects of	351.7	Advocacy	347.92
buildings architecture	725.1	Advocates, Faculty of	347.06
control	351.91	<b>lives</b>	<b>923.4</b>
law	350	Advowsons canon law	348
reform	351.6	Ædiles Roman antiquities	913.37
rooms lib. bldgs	022.62	Ælfric Anglo Saxon lit.	829.6
Administrator law	347.6	Æolian harp music	787.5
Admirals biograpy	923.5	Æolic dialect Greek lang.	487.921
Admiralty		Aerated	
English navy	354.427	bred cookery	641.6
foren countries	354	waters chem. tech.	663.6
<sup>1</sup> ilands history	993.7	hygiene	613.38
law	347.7	Aeration	
Admission school	371.21	water purification	628.16
Adnexa, uterin anatomy	611.65	Aerial	
Adobe masonry	693.22	bridges engineering	624.86
Adolescence		erosion geology	551.37
childstudy	136.7	<b>lines elec. eng.</b>	<b>621.31922</b>
ration during physiol.	612.394	maps aeronautics	629.145
Adolphus German hist.	943.026	navigation <i>see</i> Aeronautics	
Adonhiramite free masonry	366.1	topograpy aeronautics	629.145
Adoption family law	347.6	Aerials	
Adoptionists heresies	273.9	wireless telefony	621.38465
Adsorption pneumatics	533.1	telegrafy	621.38435
Adult mortality pub. helth	614.134	Aerobic cells physiol.	612.01411
Adulterations		Aerodromes aeronautics	629.144
chemic analysis	543	Aerodynamics engineering	629.142
technology	660	physics	533.6

Aerolites	astronomy	523.51	African		
	geology	552.6	language	<b>Hamitic</b>	<b>493</b>
Aerometers	prac. chem.	542.32	methodist church		287.8
Aeronautic sickness			mortality	public helth	614.144
respiration in	physiol.	612.27511	slave trade		326.1
Aeronautics			<b>Afterbrain</b>	<b>anatomy</b>	<b>611.818</b>
<b>military engineering</b>		<b>623.74</b>	Afternoon tea	dom. econ.	642.2
physics		533.6		lib. "	021.5
<b>useful arts</b>		<b>629.13</b>		recipes	641.53
<b>Aerophytes</b>	<b>lichens</b>	<b>589.1</b>	Agamogenesis	animals	591.165
	orchids	584.15	Age		
<b>Aeroplanes</b>	<b>construction</b>	<b>629.17</b>	influence	therapeutics	615.54
	military	623.746	mental characteristics		136.5
Aerostatics	engineering	629.141	of animals		591.139
	physics	533.6	legislators	pol. sci.	328.331
Aerostation	aeronautics	629.15	man	physiology	612.68
Æschines	Greek oratory	885.5	somatology		573.3
Æschylus	drama	882.1	statistics		312
Æsop	fables	888.6	pupils		379.14
Æsthetics, <i>see</i>	Esthetics		readers		024.11
Æther, <i>see</i>	Ether		the world		550.1
Æthiopia	ancient history	939.78	voters		324.11
"Ætna"	Latin poem	871.7	school		379.14
Ætolia	ancient history	938.3	Aged		
Ætolian leag	Greek hist.	938.08	cookery for	dom. econ.	641.563
Affections	physiol. psych.	612.82133	diet for		613.21
	psychology	157	homes for	architec.	725.56
Affidavits		347.94	institutions		362.6
Affinity	chemic	541.39	Agencies		
	family law	347.6	domestic servis		647.2
Affixes	English language	422.2	employment	pol. econ.	331.86
<sup>3</sup>	other languages			Y M C A	267.3562
Affliction			student aid		378.37
<sup>4</sup> Afghani language		491.58	teachers		371.145
religion		299.158	Agents, consular		341.8
<sup>1</sup> Afghanistan	history	958	external therapeu.	615.77	
travel		915.8	geologic		551.9
Africa	antiquities	913.6	law		347.4
	botany	581.96	Ages, archeologic		571
	geology	556	geologic		551.7
<sup>1</sup>	history	960	Agglutinating substances		
	statistics	316	physiology	612.11144	
	travels	916	Agglutination	philology	401
	other topics		Agiotage	stock exchange	332.6
<sup>1</sup> North	history	961	Agnosticism	nat. theol.	211
	travels	916.1		philosofy	149.7
<sup>1</sup> Central	history	966	Agnostics	relig. heresy	273.8
Propria, ancient	"	939.73	Agnus Dei	music	783.22
<sup>1</sup> South Central	"	967	Agrarian laws		
African			<b>political science</b>		<b>333</b>
colonization	sociology	325.6	<b>Roman history</b>		<b>937</b>
discovery of America		973.11	Agreements	bilding	692.4
languages		496		ethics	174.7
<sup>4</sup>	Ethiopic	492.8		law	347.4
			Agricola, M.	Ger. poetry	831.41



Agricultural			
botany		581.6	
chemistry		631	
classes	pol. econ.	331.8	
colleges		630.7	
colonization		325	
colony	laboring classes	331.8	
experiment stations		630.7	
geology	agriculture	631	
	econ. geol.	553.6	
implements		630	
insurance		368.5	
law		347.2	
machinery		631	
pests	agriculture	632	
	zoology	591.69	
products	pol. econ.	338.1	
societies		630.6	
system	pol. econ.	330.1	
Agriculture		630	
administration		351.823	
cooperativ		334.6	
department of		630.6	
indians		970.6	
rent of land		333.5	
Agrippa	medieval phil.	189.5	
<sup>1</sup> Aguascalientes, Mex.	hist.	972.4	
Ague	diseases	616.936	
Aid			
societies	charitable	361	
	cooperation	334	
	student	378.36	
state, to education		379.12	
	libraries	021.83	
to the injured		614.88	
Aides de camp	mil. sci.	355.33	
<sup>1</sup> Aidin, Asia	Turk. hist.	956.2	
Aids			
mil. science		355.33	
to digestion	therapeu.	615.734	
	readers	lib. econ. 028.8	
	ref. work	025.5	
Ailerons	aeronautics	629.181	
Ailes	library bldgs	022.434	
Aim of college and university		378.01	
	education	370.1	
<sup>1</sup> Ain, France	history	944.4	
Air			
abnormal	physiology	612.2231	
analysis	chemistry	543.7	
baths, hot	hygiene	613.46	
bladder	comp. anat.	611.29	
	phys.	612.767	
brakes	railway eng.	625.2	
Air			
cocks	steam eng.	621.18479	
compressors	mech. eng.	621.51	
	compressed, <i>see</i> Compress air		
confined, respiration in		612.233	
disinfection	cont. dis.	614.48	
ducts	ventilation	697.9	
engins	mech. eng.	621.4	
expired	physiology	612.231	
gun	mil. engineering	623.4422	
	mech. trades	683	
hygiene		613.1	
in towns	pub. helth	614.78	
liquid	physics	533.2	
machines	refrig.	621.575	
mesology		612.014464	
meteorology		551.5	
normal	physiol.	612.2208	
passages	anatomy	611.2	
	diseases	616.2	
	physiology	612.2	
plants	lichens	589.1	
	orchids	584.15	
pneumatics		533	
pollution	by cemeter.	614.652	
	pub. helth	614.7	
pressure of	meteorol.	551.54	
pump		533.5	
residual	physiology	612.24	
spaces	pub. helth	614.783	
ventilation		628.8	
Aircraft			
heavier than air		629.17	
lighter " "		629.15	
Airships	engineering	629.154	
	military engin'g	623.74	
	theory	533.6	
Airsickness			
aeronautics		629.145	
physiology		612.27511	
Airways	aeronautics	629.145	
	mining engin'g	622.45	
Airy's theory	geodesy	526.14	
Aisles	library bldgs	022.434	
<sup>1</sup> Aisne, France	history	944.34	
Aix-la-Chapelle			
international congress		341.1	
treaties		341.2	
Akenside, M:	Eng. poetry	821.62	
Akkad	ancient history	935.4	
<sup>1</sup> Akron, O.	history	977.1361	
Alabama			
claims	arbitration	341.6	
	Eng. history	942.08	

Alabama			
claims	internat. law	341	
	neutrals	341.3	
	U. S. hist.	973.722	
ship	and Kearsarge	973.754	
	privateers	341.3	
	U. S. civ. war	973.757	
state	admis. U. S. hist.	973.54	
<sup>1</sup>	history	976.1	
	seces. U. S. hist.	973.713	
	travel	917.61	
Aladdin oven			
	kitchen equipment	643.338	
	recipes	641.588	
Alamanni, L.	Ital. poetry	851.36	
<sup>1</sup> Alameda city, Cal.	hist.	979.465	
<sup>1</sup>	co. " "	979.465	
Alar thoracic artery		611.134f	
Alarcon y Mendoza		862.34	
Alarms, fire			
	local government	352.3	
	protection of public	614.842	
	signals	654.7	
Alaska			
<sup>1</sup>	history	979.8	
	purchase U. S. hist.	973.81	
	travel	917.98	
<b>Alba anatomy</b>		<b>611.824</b>	
Albania			
	Asia anc. hist.	939.56	
<sup>1</sup>	Turkey mod. hist.	949.6	
	travels	914.96	
Albany			
<sup>1</sup>	city N. Y. history	974.743	
	convention U. S. hist.	973.26	
<sup>1</sup>	co. N. Y. history	974.742	
Albemarle, ship	U. S. civ. war	973.754	
Albert 1	German history	943.026	
2	" "	943.028	
<sup>1</sup> Albert co. N. B.	hist.	971.531	
	nyanza travels	916.76	
<sup>1</sup> Alberta, Canada	hist.	971.23	
Alberti, L. B.	Ital. essays	854.21	
Albertypes		774	
Alberus, Eras.	Ger. poetry	831.43	
Albicans	anatomy	611.8142	
Albigenses	persecutions	272.3	
	sect	284.4	
	secular hist.	944.023	
Albinism	animals	591.157	
	dermatology	616.55	
Albuginea	anatomy	611.6313	
Albuminoid			
	derivates, nonnitrogenous		
	physiol	612.398197	
	substances, dialysis of		
	physiol.	612.3824	
Albuminoids			
	gastric digest. physiol.	612.3224	
	in blood	612.124	
	milk	612.66414	
	muscles	612.74414	
	intestinal digestion	612.3324	
	physiologic chemistry	612.015348	
	<b>physiology</b>	<b>612.398</b>	
	quantity in food and tis.	612.3987	
	transforma. in organism	612.3982	
	tryptic digestion	612.3424	
	vegetable physiology	612.39815	
Albuminoses	physiology	612.39817	
Albumins			
	in blood physiology	612.124	
	nutrition	612.398	
Albuminuria			
	physiologic	612.461269	
	toxic physiology	612.4642	
	urin in "	612.46622	
Albumose	physiology	612.39817	
Alchemy		540.1	
Alciphron	Greek letters	886.2	
Alcohol			
	as a food physiology	612.3931	
	cooking appliances	643.335	
	denatured chem. tech.	661	
	engins engin'g	621.43424	
	heat cookery	641.585	
	heating prac. chem.	542.43	
	hygiene	613.81	
	narcotic poisons	615.964	
	physiologic psychology	612.82144	
	stimulants	615.711	
	stoves kitchen equip.	643.335	
Alcoholic			
	ethics	178	
	physiology	612.3931	
	ferments phys. chem.	612.015161	
	liquors <b>manufacture</b>	<b>663</b>	
	temperance	178	
Alcoholism	diseases	616.861	
Alcohols	organic chem.	547.3	
<sup>1</sup> Alcona co. Mich.	hist.	977.479	
Alcoran	Mohammedanism	297	
Alcott, A. B.	moral gov.	371.58	
	L. M. Am. fiction	813.41	
Alcoves	lib. bildings	022.422	
Alcyonaria	zoology	593.62	

- Aldehydes organ. chem. 547.5  
**Aldermen local govt.** 352.0  
 Aldine editions rare books 094  
 Aldrich, T. B. Am. fiction 813.44  
 Aleardi, A. Ital. poetry 851.81  
 Alembert, J. Le R.d' 844.53  
 Alembics prac. chem. 542.48  
<sup>1</sup>Aleppo, Asia Turk. hist. 956.8  
 Alert, ship Am. revol. 973.363  
 Ales manufacture 663.3  
<sup>1</sup>Aleutian islands history 979.8  
 Alexander 2 Rus. " 947.08  
                   3 " " 947.08  
<sup>1</sup>Alexander co. Ill. hist. 977.3999  
 Alexandria, Egypt  
   ancient history 932  
   modern " 962.1  
   travels 916.21  
 Alexandrian  
   Greek dialects 487.2  
   library 027.032  
   philosophy 186.4  
 Alfabet  
   elementary education 372.4  
   **English orthograpy** 421.1  
   <sup>3</sup> other languages  
 Alfabetic  
   subject catalog 025.3  
   classification 025.4  
 Alfabetico-clast  
   catalog cataloging 025.3  
   catalogs 019  
 Alfabeting cataloging 025.3  
 Alphabets ornamental 745  
                   <sup>3</sup> philology 411  
 Alfalfa agriculture 633  
 Alfieri, V. Ital. drama 852.64  
 Alfonso 10 Span. lit. 868.11  
           11 " " 868.14  
           12 " history 946.08  
           13 " " 946.08  
 Alfred the Gt Ang.Sax.lit. 829.7  
 Algæ botany 589.3  
 Algarotti, F. Ital. poetry 851.58  
 Algebra  
   higher 512.8  
 Algebraic logic 164  
<sup>1</sup>Alger co. Mich. history 977.493  
<sup>2</sup>Algeria, Africa " 965  
 Algerine war Alg. hist. 965  
                   U. S. " 973.53  
<sup>1</sup>Algiers, Africa history 965  
                   travels 916.5  
<sup>1</sup>Algoma district, Ont. hist. 971.313
- Algrafy lithograpy 763  
 Alhambra architecture 723  
                   history 946.8  
 Alien act U. S. history 973.44  
                   laws 341.5  
                   races citizenship 323.63  
 Alienation of territory 320.127  
 Alienism mental pathol. 132  
 Aliens  
   international law 341.5  
   naturalization 323.62  
   owners of land pol. econ. 333.4  
 Alighieri, Dante Ital. poet. 851.15  
 Alignment of sewers 628.218  
 Alimentary canal  
   **anatomy** 611.3  
   **physiology** 612.3  
   sympathetic system 612.898  
 Alimentation  
   calorimetry 612.5121  
   forced hygiene 613.23  
   relations to glyco-genesis 612.3529  
 Alimony law 347.6  
 Alinement of sewers 628.218  
 Alismaceæ botany 584.72  
 Alkalies chemic technol. 661.3  
                   **chemistry** 546.31  
 Alkalimetry quan. anal. 545.2  
 Alkaline  
   accumulators elec. eng. 621.356  
   **earth chemistry** 546.4  
   poisons therapeutics 615.922  
   waters econ. geology 553.71  
 Alkaloids  
   drugs mat. med. 615.336  
   physiological psychology 612.82141  
   ptomains 612.398195  
 Alkoran Mohammedanism 297  
 All fools day customs 394  
 All hallow eve " 394  
 All Saints Ang. festivals 264.031  
 All Souls " " 264.031  
<sup>1</sup>Allamakee co. Ia. hist. 977.733  
 Allantoin physiology 612.461263  
 Allantois  
   embryology 611.01382  
   pedicle of anatomy 611.622  
 Allatoona, Ga. U.S.civ.war. 973.7372  
<sup>1</sup>Allegany co. Md. hist. 975.294  
                   travels 917.5294  
<sup>1</sup>Alleghany N. Y. hist. 974.784  
<sup>1</sup> crest W. Va. history 975.48  
                   travel 917.548  
   mountains travels 917.5

<sup>1</sup> Allegheny City Pa. hist.	974.887	Alphen, H. van Dutch poet.	839.3147
<sup>1</sup> co. " "	974.885	<sup>1</sup> Alpine co. Cal. hist.	979.443
Allegiance Eng. priv. law	347.1	plants botany	581.9494
internat. law	341.5	travels	914.94
naturalization	323.62	<sup>1</sup> Alps history	949.4
political science	320.158	travel	914.94
<sup>5</sup> Allegories Eng. literature	828	<sup>1</sup> Alsace-Lorraine Germ. hist.	943.44
religious	244	Alsineæ botany	583.154
<sup>1</sup> Allen co. Ind. history	977.274	Alsop, George Am. satire	817.12
travels	917.7274	Richard " poetry	811.25
<sup>1</sup> Mich. history	977.414	Altar cloths sac. ornam.	247.7
<sup>1</sup> O. " "	977.142	Altars architect. accessor.	729.91
shorthand system	653.57	ecclesiology	246.6
Allergy medicin	615.37	Alt-azimuth instruments	522.42
Alliance		Alternate generation zool.	591.163
Evangelical	206	Alternating current	
Holy treaties	341.2	action on organisms	612.0144245
ship Amer. revol.	973.357	arc light elec. eng.	621.32552
Alliances internat. law	341.2	electrophysiol. technic	612.0144215
pol. science	321.022	machinery elec. eng.	621.3133
<sup>1</sup> Allier, France history	944.57	traction lines " "	621.33143
Alligation arithmetic	511.8	Alternativ	
Alligators	598.14	vote suffrage	324.224
Alliteration prosody	416	Altitude	
rhetoric	808	imponderable remedies	615.835
Alliterativ poems Eng.	821.1	physiologic effects	612.2751
Allodium land ownership	333.3	<sup>1</sup> Alton, Ill. history	977.386
law	347.2	riot U. S. history	973.57
Allopathy medicin	615.5	<sup>1</sup> Altoona, Pa. history	974.876
Allotment system	333.5	Altruism ethics	171.8
Allotropism chemistry	541.7	Aluminum	
Alloys manufactures	671	in articles of dress	646.19
theoretic chem	541.4	inorganic chemistry	546.66
Alluvium geology	551.35	metallurgy	669.7
Almanacs		Alumnae associated	376.66
for teachers	370.59	Alumni associated	378.068
general	529.5	biografy	378
nautic	528	Alveolar limbus anatomy	611.71641
statistical	310	Alwato universal lang.	408.9
Almond nucleus anatomy	611.81314	Amadeus Spanish hist.	946.08
Almqvist, K. J. L. Sw. poetry	839.7166	Amadis de Gaula Span. fict.	863.22
Alms ethics	177.7	<sup>1</sup> Amador co. Cal. history	979.442
Almshouses	362.5	Amalgamation metallurgy	669.2
architecture	725.55	Amalgams manufactures	671
pauperism	339	Amanuenses shorthand	653.043
Aloes poisons	615.93	Amarantaceæ botany	583.913
Alopecia dermatology	616.54	Amaryllidæ "	584.25
Alpaca fabrics dom. econ.	646.13	Amateur	
<sup>1</sup> Alpena co. Mich. history	977.481	cataloging	025.3
travels	917.7481	manuals mech. trades	680
<sup>1</sup> Alpes Basses, France hist.	944.95	theatricals amusements	793
<sup>1</sup> Hautes " "	944.97	ethics	175.2
<sup>1</sup> Maritimes " "	944.94	Ammaurosis diseases of eye	617.73
Alphabet, etc. see Alfabet		Amazon river travel	918.1

Amazons	customs	396.9	American		
Ambassadors	internat. law	341.7	painting		759.1
Amber	pol. science	327	party		329.5
geology		553.29	patriotic societies		369.1
jewelry		391.7	periodicals		051
mineralogy		549.8	philosofers	biografy	921.1
Ambidexterity		612.763	philosofy		191
Ambiguous nucleus	anat.	611.81875	plan	meal systems	642.52
Ambra, F. d'	Ital. drama	852.35	poetry		811
Ambrosia	antiquities	913.38	poets	biografy	928.11
	mythology	292	political parties		329
Ambrosian chant	ecclesiol.	246.8	P. E. church		283.7
	music	783.5	prisons	Amer. revol.	973.372
Ambrotype		772	private law		347
Ambulances		614.881	rebellion	U. S. history	973.7
for contagious diseases		614.882	revolution		
Ameboid cells	physiology	612.112	Canada history		971.024
Amendments	U. S. const.	342.731	children of		369.137
America			daughters of		369.135
discovery		973.1	sons of		369.133
	Norwegian	948.02	U. S. history		973.3
<sup>1</sup> history		970	slavery		326
travel		917	Spanish war	U. S. hist.	973.89
<sup>1</sup> Central	history	972.8	statutes	law	345
	travel	917.28	wars, society of		369.118
<sup>1</sup> North	history	970	Americana	history	970
	travel	917	Americanisms		427.9
other topics see table 1			Amerigo Vespucci		973.16
<sup>1</sup> Russian	history	979.8	Ames, Fisher	Am. oratory	815.22
	travels	917.98	<sup>4</sup> Amharic language		492.8
<sup>1</sup> South	history	980	Amherst college		378.744
American	travel	918	Amic acids	organ. chem.	547.8
aborigines		970.1	Amicis, E. d'	Ital. misc.	858.82
antiquarian society		913.7	Amideo	fishes	597.4
antiquities		913.7	Amidic acids	physiology	612.398192
art galleries		708.1	Amids	organic chem.	547.8
auxiliaries in revolution		973.346	Amiens, peace of	treaties	341.24
bibliografy		015.7	Amins	organic chem.	547.8
biografic dictionaries		920.07	Amistad case	U. S. hist.	973.57
civil war	U. S. hist.	973.7	Ammergau	passion play	792
colleges		378.7	Ammeters	elec. eng.	621.3744
colonies	history	973.2	Ammirato, S.	Ital. essays	854.46
constitution		342.731	Ammonia		
constitutional history		342.739	absorption machines		621.573
copyright leag		655.63	chemic technology		661.3
cyclopedias		031	compounds	physiol.	612.398194
hereditary societies		369.1	compression machines		621.572
independence	U. S. hist.	973.313	fertilizers	agric.	631.841
indians		970.1	salts	chem. tech.	661.5
languages	North Am.	497	stimulants		615.711
	South Am.	498	Ammonite	agriculture	631.848
literature		810	Ammoniums	org. chem.	547.8
newspapers		071	Ammunition		
			chests	ordnance	623.4315

Ammunition		Analogy	
<b>military engineering</b>	<b>623.45</b>	<b>comparativ anatomy</b>	<b>591.4</b>
ships shipbuilding	623.826	English language	422.1
Amnesty	341.3	<sup>3</sup> other languages	
Amnion  embryology	611.01383	logic	169
pregnancy	618.37	<b>plants</b>	<b>581.4</b>
Amniotic fluid		theology	219
embryology	611.013835	Analysis	
physiology	612.649	air chemistry	543.7
<b>Amoeboid cells  physiol.</b>	<b>612.112</b>	arithmetic	511.5
Amorfous state  chem.	541.7	blowpipe chemistry	544.3
Amory, T:  Eng. humor	827.62	<b>botanic</b>	<b>581</b>
Amos, book of  Bible	224.8	capillary chemistry	544.92
Ampelideæ  botany	583.279	<b>chemic</b>	<b>543</b>
Ampere-hour meters  eng.	621.3844	combinatory algebra	512.5
Amphiarthrosis  anatomy	611.7294	diophantin  "	512.23
<b>Amphibians</b>	<b>597.6</b>	electro chemistry	544.9
Amphictyonic council	938	fertilizers agriculture	631.818
Amphipods  zoology	595.37	gas chemistry	544.4
Amphitheater		grammar  English	425.3
antiquities	913.376	<sup>3</sup> other languages	
architecture, ancient	722.7	<b>logic</b>	<b>160</b>
modern	725.82	<b>microscopic</b>	<b>578</b>
Amputation  surgery	617.94	milk adulterations	614.321
<sup>1</sup> Amsterdam  history	949.2	chemistry	543.2
travels	914.92	mineralogy	549.1
<b>Amusements</b>	<b>790</b>	polariscopic chem.	544.7
children's  dom. econ.	649.5	<b>qualitativ chem.</b>	<b>544</b>
ethics	175	<b>quantitativ chem.</b>	<b>545</b>
hygiene	613.74	soil hygiene	614.771
of laboring classes	331.84	sounds acoustics	534.4
school	371.74	spectrum astronomy	522.67
Sunday	263.6	chemistry	544.6
Amygdalin  nutrition	612.396175	optics	535.84
Amygdaloid tubercle  anat.	611.81314	water biol. hygiene	613.34
Amyloids  nutrition	612.398146	chemistry	543.3
histology	611.01884	microsc. hygiene	613.33
Amyolytic ferments  phys.	612.01515	Analysts, public adulter.	614.3
Amyotrophy  physiology	612.7465	Analytic	
<sup>5</sup> Ana  English literature	828	<b>chemistry</b>	<b>543</b>
literature	808.8	<b>geometry</b>	<b>516</b>
Anabaptists  sects	284.3	trigonometry	514.5
Anacanthani  zoology	597.5	<sup>1</sup> Anam, Asia  history	950.8
<sup>1</sup> Anacapa, Cal.  hist.	979.492	travel	915.98
Anacardiaceæ  botany	583.292	Anaphylaxis  medicin	615.37
Anacardiaceous fruits	634.44	<b>Anarchism  socialism</b>	<b>335</b>
Anacreon  Greek poetry	884.3	Anastatic printing	655.22
Anaemia, <i>see</i> Anemia		Anastomotica magna artery	
Anaerobic cells  physiol.	612.01411	elbow anatomy	611.1342
<sup>5</sup> Anagrams  Eng. literature	828	knee  "	611.13785
pseudonyms	014	Anathema  church discip.	262.9
Analgesics  therapeutics	615.783	Anatomy	
Analogous projections		anthropologic	611.014
descriptiv geometry	515.2	art	743

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Anatomy  
 comparativ medicin 611.019  
                   plants 581.4  
                   zoology 591.4  
 dental 611.314  
 descriptiv animals 591.7  
                   plants 581.7  
 human 611  
 laws public helth 614.22  
 paleontologic 611.016  
 pathologic 616.078  
 regional 611.9  
 Anaxagoras Gk philosofers 182.8  
 Anaximander " " 182.1  
 Anaximenes " " 182.1  
 Ancelot, J. A. F. P. Fr. lit. 842.74  
 Ancestry evolution 575.1  
                   genealogy 929.1  
                   mental science 136.3  
                   spirit. heredity 233.3  
                   traductionism 129.2  
 Anchor  
 boring architecture 721.152  
                   engineering 624.1552  
 ice physical geol. 551.31  
 Anchorage bridgebilding 624.57  
 Anchors, landing aeronautics 629.167  
                   plumbing 696.7  
                   shipbilding 623.86  
 Ancient  
 architecture 722  
 countries description 913.3  
 customs 913.3  
 customs and costume 390  
 geograf description 911.3  
 history 930  
 law 349.3  
 maps 912.3  
 music 781.8  
 filosofers biografy 921.9  
 filosofies 180  
 science 502  
 sculpture 732  
 student societies 371.836  
 therapeutics 615.89  
 Ancients, council of  
   French legislature 328.44  
   revolution 944.045  
 Anconaeus muscle anat. 611.73725  
 1Andalusia, Spain history 946.8  
                   travel 914.68  
 Andersen, H. C. Dan. fict. 839.8364  
 1Anderson, Ind. history 977.257  
 Andersonville pris. U.S.hist. 973.7711  
 Andes description 918  
 Andesite lithology 552.26  
 Andocides Gr. oratory 885.1  
 1Andorra history 946.7  
 André, John Am. revol. 973.386  
                   biografy 923.542  
 Andrea, J. V. Ger. poetry 831.47  
 Andreini, G. Ital. drama 852.53  
 1Andrew co. Mo. history 977.8126  
 Andrieux, F.G.J. S. Fr. lit. 842.65  
 Andronicus, L. Lat. " 872.1  
 Andros, Edmund U.S. hist. 973.24  
 1Androscoggin co. Me. hist. 974.18  
                   trav. 917.418  
 Anecdotes  
 legal 340.9  
 library 020.88  
 miscel. Eng. literature 828  
 personal, see biografy  
 religious 244  
 table 642.48  
 on spec. topics, see subjects  
 Anemia  
 cardiac physiology 612.1721  
 cerebral " 612.8244  
 diseases of blood 616.15  
 nervs physiology 612.8164  
 quantity of blood 612.1162  
 reflexes physiology 612.83393  
 Anemometer meteorology 551.51  
 Aneroid barometer 533.4  
 Anesthesia diseases 616.856  
                   physiology 612.887  
 Anesthetics  
 effect on hart physiol. 612.1742  
 mesology 612.014465  
 physiologic psychology 612.82142  
 therapeutics 615.781  
 Aneurism pulmon. disease 616.247  
                   surgery 617.41  
 Angels 235  
 Anger ethics 179.8  
 Angevin architecture 723.44  
 Angina pectoris diseases 616.12  
 Angiocarpæ botany 589.16  
 Anguilieri, C. Ital. satire 857.13  
 Angle, facial craniology 573.7  
                   visual physics 535.7  
                   physiology 612.84362  
 Angles  
 crystallografy 548.7  
 mesurement of astron. 526.93  
 strength of materials 620.11282

<sup>1</sup> Anglesey history	942.91
Anglican church	
biography	922.3
brotherhoods	271.8
chant music	783.5
creed	238.3
missions	266.3
ordination	262.17
persecution by, Eng. hist.	942.055
relig. hist.	272.7
of Eng. "	942.054
relig. "	272.6
religious hist. of Eng.	274.2
ritual	264.03
sects	283
sisterhoods	271.98
Anglicisms English lang.	427
Angling	799
Anglo-catholics	283
Anglo-Saxon	
emigration	325.242
foren relations	327.73
history	942.01
homilies	829.5
language	429
literature	829
poetry	829.1
race characteristics	136.4
Anglomania customs	390
<sup>1</sup> Angola, Africa history	967.3
<sup>1</sup> Angora, Asia Turk. hist.	956.3
Angoulême, house of	
French history	944.028
Anguilla zoology	597.5
Angular perspectiv geom.	515.61
drawing	742
<sup>1</sup> Anhalt, Germany history	943.19
Anharmonics	
analytic geometry	516.56
geometry	513.56
Anhydrids organic chem.	547.7
theoretic "	541.4
Anhydrous	
silicates mineralogy	549.61
sulfates "	549.75
Anilin colors chem. tech.	667.2
Animal	
chemistry analysis	543.9
organic chem.	547
diseases medicin	619
pub. helth	614.93
zoology	591.2
infectious pub. helth	614.91
electricity mind and body	134

Animal	
physiology	612.014423
zoology	591.57
fats chem. technology	665.2
food domestic econ.	641.3
hygiene	613.28
physiology	612.3928
preservation	664.9
forms decorat'n, painted	729.42
relief	729.52
grafting comp. physiol.	612.602
heat physiol. zoology	591.11
physiology	612.5
instincts comp. physiol.	612.821313
irritant poisons	615.94
kingdom	590
life painless extinc. of	614.971
magnetism, see Animal elec- tricity	
motors engineering	621.46
oils chem. technology	665.2
parasites diseases	616.961
zoology	591.69
plagues vet. med.	619
residues fertilizers	631.843
species and respiration	612.229
stories zoology	591.5
substances chem. anal.	543.9
engin'g	620.198
trades air pollution	614.74
worship nonchr. relig.	290
Animalculæ	593
Animals	590
agents of geol. work	551.95
Bible	220.859
care of animal hygiene	614.94
carriers of diseases	614.43
cruelty to ethics	179.3
ded air pollution	614.763
diff. fr. plants biology	577.5
physiol.	612.0135
diseases pub. helth	614.93
vet. medicin	619
zoology	591.2
domestic	636
electric comp. physiol.	612.771
evolution	575
feeding of animal hyg.	614.95
folklore	398.4
geografic distribution	591.9
hibernating	612.58
hygiene pub. helth	614.9
inanition	612.3919
insurance	368.5



- Animals  
 intelligence zoology 591.5  
 localization in  
     comp. physiol. 612.82525  
 locomotion comp.phys. 612.767  
     zoology 591.47  
 menageries 590.7  
 mind in 591.51  
 mythology 291  
 organs of sound  
     comp. physiol. 612.786  
 paleontology 560  
 parasitic econ. zool. 591.69  
 phosphorescent  
     comp. physiol. 612.772  
 psychology zoology 591.51  
 ration comp. physiol. 612.3943  
     subsistence 612.39523  
     working 612.39513  
 remains early stone age 571.13  
     late " " 571.23  
 reviscent mesology 612.0144611  
 scent glands comp. phys. 612.493  
     econ. zool. 591.66  
     phys. " 591.144  
 symbolic religious art 246.5  
 training of domestic 636  
 transportation hygiene 614.96  
 uric acid in comp. phys. 612.461254  
 vocal organs " " 612.786
- Animation, suspended med. 616.206  
 Animism metaphysics 128  
<sup>1</sup>Anjou, France history 944.18  
 Ankle  
     anatomy 611.985  
     bone anatomy 611.71871  
     joint " 611.7284
- Annapolis  
<sup>1</sup> city, Md. history 975.256  
     travels 917.5256  
<sup>1</sup> co. N. S. history 971.633
- Anne, Queen architecture 724.5  
     Eng. hist. 942.069  
<sup>1</sup>Anne Arundel co. Md. hist. 975.255
- Annealing  
     manufactures 671  
     molecular physics 539.54  
 Annelida worms 595.1
- Anne's, Queen, war U.S. hist. 973.25
- Annexation intern. law 341  
     pol. sci. 320.1265
- Annihilation doctriens 237.3  
     nat. theology 218
- Anniversaries  
 of invention of printing 655.12  
 student life 371.89  
 U. S. history civil war 973.76  
     Mex. " 973.626  
     revolution 973.36  
     Span. war 973.896  
     war of 1812 973.526
- Annotations  
     by readers lib. econ. 024.81  
     for readers 028.8
- Announcement  
 of vote elections 324.268
- Annuals, statistical 310  
     special, see subject
- Annuities  
     insurance 368.31  
     mathematics 519.5  
     public finance 336.35
- Annunciation, feast of  
     Anglican ch. 264.031  
     signals 654.7
- Annunciators signals 654.7
- Anodynes therapeutics 615.78
- Anointing sacraments 265
- Anomala botany 583.297
- Anomali " 583.98
- Anomalies anat. 611.012
- Anomodontia reptils 598.17
- Anonaceæ botany 583.115
- Anonaceous fruits agric. 634.41
- Anonyms bibliografy 014
- Anopheles, see Mosquitoes
- Ansa  
     lenticularis anat. 611.8147  
     peduncularis " 611.8147
- <sup>1</sup>Ansaryii history 955
- Anselm medieval philos. 189.4
- Anselm, H. Ger. fiction 833.53
- Anslo, Reyer Dutch poet. 839.3135
- Ant insects 595.79
- Antacids aids to diges. 615.7343
- Antagonism of medicins  
     therapeutics 615.52
- Antarctic  
     current ocean currents 551.47  
     explorations travels 919.9  
     ocean physical geog. 551.469  
     regions travel 919.9
- Ante-Nicene church 100-325 281.3
- Antennae animals 591.48  
     wireless teleg. 621.38435
- nte reformation, relig. hist. 270.5
- Anterior poliomyelitis, see  
 Paralysis, infantil

Anterolateral colum of spinal cord anat.	611.825	Antiquarian societies	913
Anthelmintic drugs therap.	615.733	Antiquarians' lives	923.9
Anthems music	783.4	Antiquities	
pub. worship	264.2	biblical	220.93
religious poetry	245	classic	913.38
<sup>5</sup> Anthologies Eng. lit.	820.8	countries	913
Anthracene org. chem.	547.28	customs	390
Anthracite		Jewish antiquities	913.33
economic geology	553.25	history	933
fuel dom. econ.	644.22	religion	296
engineering	621.1822	legal	340.3
metallurgy	669.8	prehistoric archeology	571
Anthracosis diseases	616.24	see also special subjects	
Anthrax public helth	614.561	Antiquity of man	573.3
Anthropoid apes zoology	599.8	Antirust processes bldg	691.7
Anthropologic anatomy	611.014	Antiseptics	
Anthropology		mesology	612.014466
mind and body	130	obstetrics	618.89
natural hist. of man	573	public helth	614.482
religious doctrin of man	233	therapeutics	615.778
Anthropometry	573.6	Antislavery	
Anthropomorphism		documents	326.4
metaphysics	125	periodicals	326.5
Anthropophagy cannibalism	399	societies	326.6
Antiburghers sects	285.6	U. S. history	973.7111
Anti-Christ	235	Antisthenes Greek phil.	183.4
Anticlinal strata geology	551.86	Antistrophe	
Anticlisis comp. psych.	612.821311	English prosody	426.7
Anticorn law leag	337.2	Greek prosody	486.7
<sup>1</sup> Anticosti land, Que. hist.	971.417	<sup>3</sup> other languages	
Antidotes materia medica	615.9	Antitoxic	
Antietam, Md.		action of liver physiol.	612.3542
battle U. S. civ. war	973.7336	Antitoxins	
Antifebrin therapeutics	615.75	digestion	612.31451
Antifederal party	329.2	in blood physiology	612.11821
<sup>1</sup> Antigonish co. N. S. hist.	971.614	nutrition	612.3988
<sup>1</sup> Antilles history	972.9	Antitrinitarians heresies	273.4
travel	917.29	unitarians	288
Antimasonry	366.1	Antivaccination pub. helth	614.474
Antimonates mineralogy	549.72	Antivivisection, see Vivisec- tion	
Antimonids mineralogy	549.3	Antonides Dutch poetry	839.3137
Antimony chemistry	546.86	<sup>1</sup> Antrim co. Ireland history	941.61
ores	553.47	<sup>1</sup> Mich. "	977.485
Antinomianism	273.6	Ants insects	595.79
Antipatharia zoology	593.64	white "	595.73
Antiperiodics therapeu.	615.75	<sup>1</sup> Antwerp history	949.3
Antiphonal		travels	914.93
choral servis music	783.24	Anura batrachia	597.8
readings public worship	264.4	Anus anatomy	611.352
Antiputrefactiv properties of		diseases of	616.35
gastric juice physiol.	612.3225	Anvil anatomy of ear	611.857
Antipyretics therapeu.	615.75	Anvils blacksmithing	682
Antipyrin "	615.75		

<sup>3</sup> Aorist	Greek etymology	482.8	Apostolic		
	syntax	485.8	constitutions		281.1
Aorta			epistles		229.9
abdominal	anatomy	611.136	fathers		281.1
anatomy		611.132	period	religious hist.	270.1
thoracic	anatomy	611.135	succession		262.11
Aortic			<b>Apothecary</b>		<b>615.4</b>
arch	anatomy	611.1321	<sup>5</sup> <b>Apothems</b>	Eng. literature	<b>828</b>
valvs	"	611.12652		folklore	398.9
Apartment			<sup>1</sup> Appanoose co. Ia.	hist.	977.789
and offis bildings		725.22	Apparatus		
houses	architecture	728.2	manufacture		681
	dom. economy	647.92	physical		530.7
Apatite	economic geol.	553.64	<b>practical chemistry</b>		<b>542.2</b>
	fertilizers	631	see also special subject		
	mineralogy	549.72	Apparent motion	earth	525.38
Apes	zoology	599.8		sun	523.73
<b>Apetalæ</b>	botany	<b>583.9</b>		time	529.1
Aphasia			Apparitions		133.1
diseases		616.855	Appeal	voting procedure	324.243
localization of speech		612.825249	Appellate proceedings	law	347.9
mental derangements		132.8	Appendages of embryo		
vocal physiology		612.7893	<b>embryology</b>		<b>611.0138</b>
Aphelion	astronomy	521.3	physiology		612.644
Aphonia	diseases	616.22	Appendicitis	diseases	616.34
<sup>5</sup> <b>Aphorisms</b>	Eng. literat.	<b>828</b>		surgery	617.55
	folklore	398.9	Appendix		
Apiary	bees	638.1	vermiform	anatomy	611.3452
Apnea	physiology	612.2842		physiology	612.363
Apocalypse		228	Appendixes, nerv	histol.	611.01883
<b>Apocarpeæ</b>	botany	<b>584.7</b>	Appetite	physiology	612.3913
<b>Apocrypha</b>		<b>229</b>	Appetites	mental facul.	158
Apocryphal gospels	Bible	229.8		<b>temperance</b>	<b>178</b>
Apocynaceæ	botany	583.72	Appian way	Roman antiq.	913.37
Apoda	zoology	593.98	Apple culture		634.1
Apogee	moon	523.33	<sup>1</sup> Appleton, Wis.	history	977.539
	tides	525.63	Application		
Apollo Belvedere	sculpt.	733	of fertilizers	agric.	631.816
worship		292	Applied		
Apollonius Rhodius	Gk lit.	383.3	<b>arts</b>		<b>600</b>
<b>Apologetics</b>	theology	<b>239</b>	<b>chemistry</b>	chem. tech.	<b>660</b>
Apomorphin	emetics	615.731	<b>mechanics</b>	mech. eng.	<b>621</b>
Apoplexy	diseases	616.81	<b>science</b>	schools	<b>607</b>
<b>Apostasy</b>	heresies	<b>273</b>	Appiqué work		746
Apostles			Appointment		
acts of		226.6	of civil servis	offisers	351.1
creed		238.1	legislativ	offisers	328.362
lives	scriptural biog.	225.92	legislators		328.3351
Apostolic			library	offisers	023.2
<b>age apologetics</b>		<b>239.1</b>	teachers	education	371.142
canons	apocrypha	229.9	Appointments, presidential		353.03
Catholic	sect	289.5	Appomattox, Va.	U.S.hist.	973.7384
<b>church</b>		<b>281.1</b>			
persecutions		272.1			

<b>Apportionment</b>	<b>representa.</b>	<b>324.3345</b>
	<b>taxation</b>	<b>336.2</b>
Appraisal of books		028.8
Apprentises		
duties of ethics		174.8
labor polit. econ.		331.55
library economy		023.75
Apprentisshp	bdg trade	690.7
	polit. econ.	331.86
Approaches	bridgebldg	624.14
Approval	sch. gov't	371.53
Appropriation bills		
legislativ powers		328.341
U. S. finance		336.73
Appropriations		
library finances		025.112
support		021.91
Approximations	algebra	512.22
April 19, anniv.	Am. revol.	973.362
Aprons	domestic econ.	646.48
Apulia, It.	ancient hist.	937.7
<sup>1</sup>	modern "	945.75
	travels	914.575
Aquaria		590.7
Aquatic		
animals	effect of baro-	
	metric pressure	612.279
rights	law	347.2
Aquatint	engraving	766
Aqueduct of Sylvius	anat.	611.8156
Aqueducts		
canals		626.2
Roman antiquities		913.376
waterworks		628.14
Aqueductus cerebri	anat.	611.8156
Aqueous		
erosion	geology	551.35
humor	anatomy	611.8449
	physiology	612.8444
rocks	geology	552.5
treatment	prac. chem.	542.6
Aquinas	medieval phil.	189.4
Aquivascular		
respiration	zoology	591.123
Arabesques		
decoration, painted		729.4
relief		729.5
design		745
piano music		786.42
Arabia		
ancient history		939.47
<sup>1</sup>	modern history	953
	travels	915.3

Arabia Petraea		
ancient history		939.48
<sup>1</sup>	modern "	953.1
	travel	915.31
Arabic		
architecture		723.3
discovery of America		973.11
<sup>4</sup>	language	492.7
<sup>5</sup>	literature	892.7
numerals	arithmetic	511.2
philosofy		189.3
Arabs in Spain	Span. hist.	946.02
Arachnida parasitica	ectozoa	616.9685
	zoology	595.4
Arachnoid		
membrane	anatomy	611.8293
villi	"	611.8193
<sup>1</sup> Aragon, Spain	history	946.5
Araliaceæ	botany	583.491
<sup>4</sup> Aramaic language		492.1
Araneida	zoology	595.4
Arantius, venous duct of		611.1497
Aratus	Greek poetry	881.2
Arbitrage	stock exch.	332.6
Arbitrary		
power	absol. monarchy	321.6
Arbitration		
capital and labor		331.1
international	ethics	172.4
	law	341.6
law		347.4
Arblay, F. (Burney) d'		823.66
Arbor		
day	horticulture	715
	school celebrations	371.365
vitae	anatomy	611.81715
	botany	585.2
Arboretums		
architecture		727.5
botany		580.7
Arboriculture	forestry	634.9
	land. gard.	715
Arbors	landscape gard.	717
Arbuthnot, J: .	Eng. humor	827.54
Arc, Joan of	Fr. history	944.026
Arc		
lighting	elec. eng.	621.325
rectifiers	" "	621.31373
Arcades		
architectural construction		721.26
design		729.33
Arcadia	Greek anc. hist.	938.8
Arcani disciplina		
primitiv church		281.1

- Arcesilaus Greek philosophy 186.2  
 Arch, aortic anatomy 611.1321  
     hinged bridges 624.68  
     trussed " 624.7  
 Archaean age geology 551.71  
<sup>3</sup>Archaisms Eng. language 427  
<sup>1</sup>Archangel, Russia history 947.2  
 Archbishops  
     ecclesiastic polity 261.12  
     lives Anglican 922.3  
         Roman catholic 922.2  
 Arched constructions arch. 721.4  
 Archegony  
     biology 576.1  
     physiologic zoology 591.16  
 Archenteron embryology 611.01335  
 Archeology  
     ancient description, etc. 913  
     Biblical 220.93  
     prehistoric 571  
 Archery 796  
 Arches  
     architectural design 729.33  
         construction 721.4  
     engineering 624.6  
     triumphal Rom. antiq. 913.37  
 Archilochus Greek satire 887.1  
 Archimedes screw physics 532.8  
 Archipelago  
<sup>1</sup> East Indian history 991  
     Greek ancient history 939.1  
<sup>1</sup> modern " 949.9  
 Architectonics, architecture 720.1  
 Architects  
     liability of bilding 692.9  
     lives 927.2  
 Architectural  
     accessories 729.9  
     construction 721  
     decoration 729  
     design 729  
     drawing 744  
 Architecture 720  
     acoustics 534.84  
     military bildings 623.61  
         castles 728.81  
         fortifications 623.1  
     naval bilding 623.8  
         engineering 623.8  
     plans 692  
     warships 623.8  
 Architraves arch. constr. 721.86  
 Archives, *see* History, Manuscripts
- Archives  
     of special topic *see* topic  
 Archons Greek history 938  
 Archt  
     construction architecture 721.4  
         bridges 624.6  
 Arctic  
     currents 551.47  
     explorations travels 919.8  
     explorers lives 923.9  
     ocean physical geografy 551.468  
<sup>1</sup> regions history 998  
         travels 919.8  
<sup>1</sup>Ardèche, France history 944.82  
<sup>1</sup>Ardennes, France history 944.31  
 Ardent spirits  
     manufactures 663  
     temperance 178  
 Ardigo, I. Italian essays 854.85  
 Area, occupiable, proportion  
     of ground hygiene 614.784  
 Areas  
     geometry 513.18  
     surveying 526.97  
<sup>1</sup>Arenac co. Mich. history 977.473  
 Areola anatomy 611.691  
 Areolar tissue anatomy 611.76  
     histology 611.01824  
     subcut. anat. 611.779  
 Areometer spec. gravity 532.4  
 Areopagus Greek antiq. 913.385  
 Aretino, Pietro Ital. dram. 852.34  
 Arezzo, G. d' " poetry 851.12  
 Argand lamp chem. tech. 665.6  
     dom. econ. 644.323  
 Argensola, B. L. Sp. poetry 861.34  
     L. " " 861.34  
<sup>1</sup>Argenteuil co. Que. history 971.423  
 Argentina  
     administration 354.82  
     botany 581.982  
     finance 336.82  
     geology 558.2  
<sup>1</sup> history 982  
     maps 912.82  
     schools, public 379.82  
     statistics 318.2  
     travel 918.2  
     treaties 341.282  
     other topics *see* table 1  
 Argillite geology 552.44  
 Argolis Greek anc. hist. 938.8  
 Argon inorgan. chem. 546.293  
 Argonauts Greek myth. 292

Argot French language	447.09	<sup>1</sup> Armagh, Ireland history	941.66
<sup>3</sup> other languages		Armament shipbuilding	623.9
Argument		Armamentaria surgery	617.91
from design	apologetics 239	<b>Armaments ordnance</b>	<b>623.4</b>
	metaphysics 124	Armature stamps elec. eng.	621.318
law	347.92	Armatures elec. eng.	621.316
logic	168	Armd neutrality inter. law	341.3
Argumentation rhetoric	808	Armenia ancient history	939.55
Argus, ship U. S. war 1812	973.5253	<sup>1</sup> modern "	956.6
<sup>1</sup> Argyll, Scotland history	941.38	Armenian	
Aria vocal music	784.2	architecture	723.2
Ariana, Asia ancient hist.	939.65	church	281.6
Arianism heresies	273.4	<sup>4</sup> language	491.54
Arici, Cesare Ital. poetry	851.67	<sup>5</sup> literature	891.54
<sup>1</sup> Ariège, France history	944.88	Armies	
Ariosto, Lodovico It. poet.	851.32	<b>military engineering</b>	<b>623</b>
Aristippus Gk philosophers	183.5	science	355
Aristocracy form of state	321.5	U. S. history	
social classes	323.31	civil war	973.74
Aristolochiaceæ botany	583.924	Mex. "	973.624
Aristophanes Gk. drama	882.4	revolution	973.34
<b>Aristotelian philosophy</b>	<b>185</b>	Spanish war	973.894
Aristotle Greek liter.	888.5	war of 1812	973.524
philosophy	185.1	war customs	399
Arithmetic		Arminianism	
elementary education	372.7	continental prot. sects	284.9
<b>mathematics</b>	<b>511</b>	<b>methodism</b>	<b>287</b>
mechanical	510.8	Armistis internat. law	341.3
<b>political statistics</b>	<b>310</b>	Armor	
Arithmetical progression		fortifications	623.124
algebra	512.6	plate manufacture	672
arithmetic	511.6	shipbuilding	623.9
Arithmometer, instrument	510.8	war costumes	399
Arizona, U. S.		Armord vessels mil. eng.	623.9
acquisition Mex. war	973.621	<sup>4</sup> Armorican language	491.68
discovery U. S. hist.	973.16	Armories architecture	725.18
<sup>1</sup> history	979.1	mil. eng.	623.48
travel	917.91	Armor-piercing shells	623.4518
For mil. hist. see subd. of		Arms	
Special campaigns and Military history under 973.7 and 973.89		artificial	617.57
Arkansas, U. S.		coats of college or univ.	378.27
admission U. S. hist.	973.56	heraldry	929.8
<sup>1</sup> history	976.7	cross elec. engin'g	621.319224
For mil. hist. see subd. of		gunmaking	683
Special campaigns and Military history under 973.52, 973.7 and 973.89		<b>military engineering</b>	<b>623.4</b>
secession	973.713	science	355
travel	917.67	sergeant at	328.3624
Arm		war customs	399
anatomy	611.972	<sup>1</sup> Armstrong co. Pa. hist.	974.888
lymphatics of anat.	611.42172	Army	
<b>muscles</b>	<b>611.7372</b>	and navy union, regular	369.111
Armada, Span. Eng. hist.	942.055	British	354.426
Span. "	946.04	chaplains U. S. civ. war	973.778
		cookery dom. econ.	641.573
		corps mil. science	355.31

Army			Arrows	archery	796
corps	U. S. civ. war	973.7416		war implements	399
foren countries		354	Ars signorum	univ. lang.	408.9
life		355.1	Arsacidæ	history	935.6
U. S. civil war, north		973.783	Arsenals	architecture	725.18
south		973.784		military eng.	623.47
lists	foren	354	Arsenates	mineralogy	549.72
United States		353.6	Arsenic		
military science		355	drugs		615.219
officials	lives	923.5	inorganic chemistry		546.19
organization	mil. science	355.31	medical jurisprudence		340.6
posts	mil. engineering	623.613	ores		553.47
regular	U. S. civil war	973.7411	poisons		615.926
regulations		355	Arsenicism	toxicology	615.926
revivals	U. S. civil war	973.778	Arsenids	inorganic chem.	546.19
Salvation	relig. assns	267.15		mineralogy	549.3
United States		353.6	Arson	criminal law	343
worm	agriculture	632	Art		
zoology		591.69	anatomy	drawing	743
Arnaut, Dan.	Prov. poet.	849.127	biografy		927
Arndt, E. M.	Ger. poetry	831.71	christian	ecclesiology	246
Arnim, L; A. von	fiction	833.66	decorativ	furniture	749
Arnold, Benedict			delineation	of children	136.757
Can. exped.	Am. revol.	973.3316	education		707
in Conn.	" "	973.3377	embroidery		746
naval hist.	" "	973.352	fine		700
treason	" "	973.382	galleries		708
Arnold, M.	Eng. essays	824.85	architecture		727.7
Arnold's ganglion	anat.	611.89156	with libraries		021.48
Arnulf	German history	943.021	gallery	library bldgs	022.656
Aroideæ	botany	584.64	history		709
Aromatic			industrial	useful arts	600
compounds	physiology	612.398196	interior	decoration	747
plant products	chem. tech.	668.5	material	lib. admin.	025.177
Arondissement	Fr. loc. govt	352.0445	museums	inter. affairs	351.853
Aroostook			needlework		746
<sup>1</sup> co. Me.	history	974.11	religious		246
war	U. S. history	973.57	rudiments, prehistoric		571.7
Arrangement			sacred	furniture	247
of duplicates	lib. econ.	025.264	schools		707
words	Eng. syntax	425.3	studios	architecture	727.7
<sup>3</sup>	other languages		useful		600
Arrearages	law	347.7	woman in		396.7
Arrebo, Anders	Dan. poetry	839.8131	Arterial blood	physiol.	612.113
Arrest			Arteries		
civil trials		347.9	anatomy		611.13
criminal law		343	blood pressure		612.143
immunity of legislators		328.348	vasomotors		612.182
Arresters, see	Protectiv		circulation in	physiol.	612.133
devices			diseases of		616.13
Arrom, C. B. de F. C.		863.53	Artesian wells	san. eng.	628.11
Arrow			<sup>1</sup> Arthabaska co.	Que. hist.	971.4565
hed inscriptions		492.1917	Arthrodia	anatomy	611.72961
heds, stone	prehist. arch.	571.15			

Arthropathy pathology	616.72	Arts	
Arthropoda zoology	595.2	<b>fine</b>	700
Arthrostraca "	595.37	<b>biography of</b>	927
Arthur, C. A. presidency	973.84	<b>graphic fine arts</b>	700
Arthurian romances	398.2	<b>useful</b>	600
Articles		<b>biography of</b>	926
English syntax	425.6	Arundelmarbles Gkinscrip.	481.7
Greek syntax	485.6	Aryan	
<sup>3</sup> other languages		<b>languages</b>	491
of confederation 1781-89		<b>literatures</b>	891
U. S. constitu. hist.	342.73	<b>racess ethnology</b>	572.891
history	973.318	Asafetida therapeutics	615.789
Thirty-nine Ang. creed	238.3	Asbestos	
Articulates paleontology	565	economic geology	553.67
zoology	595	engineering materials	620.195
Articulatio coxae anat.	611.7282	fabrics domestic econ.	646.19
Articulations anatomy	611.72	roofing	695.7
Artificial		Ascension	
boundaries pol. science	320.1289	of Christ christology	232.5
butter chem. technol.	664.3	right theoretic astron.	521.27
colors " "	667.2	Ascensions	
eyes	617.79	balloon aeronautics	533.6
flowers ornam. design	745	Asceticism	
foods physiology	612.3929	personal relig.	248
fuel chem. tech.	662.8	Ascidia zoology	594.9
horizons astronomy	522.57	Ascites diseases	616.38
ice manufacture	621.58	Asclepiadæ botany	583.73
larynxes physiology	612.783	Ascolichenes "	589.15
light perspectiv	515.63	Ascomycetes "	589.23
lights chem. tech.	665	Ash	
dom. econ.	644.3	constituents of food	612.3926
lib. bildings	022.75	removers steam eng.	621.18378
limbs	617.5	<sup>1</sup> Ashango land history	967.2
mineral waters ch.tech.	663.6	travel	916.72
respiration physiol.	612.2163	<sup>1</sup> Ashanti history	966.7
stone bldg materials	691.3	Ashburton treaty	
chem. technol.	666.8	<b>international law</b>	341.2
piers and colums	721.33	U. S. history	973.58
walls	721.23	Ashes	
teeth dentistry	617.69	fertilizers	631.831
Artillery		removal of sanitation	628.44
army department	358.1	volcanic lithology	552.22
gunnery mil. eng.	623.5	Ashland	
ordnance mil. eng.	623.4	<sup>1</sup> co. O. history	977.129
U. S. civil war	973.7417	<sup>1</sup> Wis. history	977.521
Artisans biography	926	Ashpits	
Artistic furniture	749	locomotiv boilers	621.1332
Artists biography	927	railway engineering	625.16
<sup>1</sup> Artois, France history	944.27	steam engineering	621.18355
Artotype photography	774	Ashtabula	
Arts		<sup>1</sup> city, O. history	977.1341
and crafts	740	<sup>1</sup> co. O. history	977.134
trades	600	<sup>1</sup> Ashuanipi co. Que. history	971.419
		Asia antiquities	913.5



Asia	botany	581.95	Assimilation of food	
	geology	555	animals	591.133
<sup>1</sup>	history	950	man	612.39
	statistics	315	plants	581.133
	travels	915	Assistants dom. econ.	647.2
Asia Minor			lib. "	023.74
<sup>1</sup>	history, modern	956	Assize, courts of law	347.99
	travels	915.6	Associated	
	Eastern ancient hist.	939.3	press journalism	070.4312
	Western " "	939.2	study self education	374.2
Asiatic			Association	
cholera	diseases	616.932	mental faculties	153.2
languages		491-495	physiologic psychology	612.8212
	eastern	495	public order	351.752
	societies	490.6	Associationalism philos.	149.4
Asinari, F.	Ital. drama	852.44	Associations	
Asparagus	agriculture	635.4	bilding loan inst.	332.32
Asphalt			cooperation	334.1
	chemic technology	665.4	business "	334
	economic geology	553.27	charitable	361
	engineering materials	620.196	college	378.06
	pavements road engin'g	625.85	women	376.66
	roofing	695.6	for supplying teachers	371.145
Asphaltum, see Asphalt			gilds	338.6
Asphyxia	pathology	616.206	labor	331.88
	physiology	612.232	library benefit	023.59
	surgery	617.18	religious Y. M. C. etc.	267
Aspirates	Eng. language	421.2	see also special subject and table 2	
	Greek "	481.2	Assurance	368
<sup>3</sup>	other languages		Assyria ancient history	935.2
Aspiration			antiquities	913.352
pneumatic therapeutics		615.815	architecture	722.5
Ass domestic animals		636.1	<sup>4</sup> Assyrian language	492.19
zoology		599.7	Astacidae lobsters	595.36
<sup>1</sup> Assam, India history		954.1	Asterales botany	583.53
Assassination crim. law		343	Asteroidea zoology	593.92
Assassins lives		923.41	Asteroids astronomy	523.44
	Persian hist.	955	Asteropherus, M. O.	
Assault and battery law		343	Swedish drama	839.7222
Assaults military eng.		623.2	Asthenopia	
	sci.	355.44	accommodativ	617.75
Assaying		669.9	muscular	617.76
Assembly			Asthma diseases	616.23
legislativ		328	Astigmatism " of eye	617.75
rooms library bldgs		022.651	physiology	612.8453
	school "	371.621	Astragalocalcaneal ligam't	611.72851
Assent logic		163	Astragaloscapoid "	611.72851
Assessment civil servis		351.6	Astragalus bone	611.71871
	lib. econ.	024.2	Astringents	
	taxes	336.29	external irritants	615.772
Assignats Fr. finance		336.44	Astrolabe astronomy	522.41
	" revolution	944.04	Astrology	133.5
Assignments law		347.7	astronomy	520.1
			Astronomers biography	925.2

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Astronomic			
almanacs	chronology	529.5	
clocks		522.51	
determinations	geod.	526.6	
instruments		522	
maps		524	
observations		522.19	
	maps	524	
photografy		522.63	
physics		521	
Astronomy		520	
descriptiv		523	
in relation to geodesy		526.6	
physical		521	
practical		522	
spheric		522.7	
theoretic		521	
Astrophysics		523	
Astrophytidae	star fishes	593.94	
<sup>1</sup> Asturias, Spain	history	946.1	
Asylum			
right of	legal antiquities	340.3	
Asylums			
architecture		725.5	
hygiene		613.56	
inebriate	architecture	725.65	
	temperance	178.6	
sociology		362	
Asynchronous			
machines	elec. eng.	621.3136	
Atalanta, ship	Am. rev.	973.357	
Atavism	evolution	575.1	
Ataxia, locomotor	diseases	616.83	
<sup>1</sup> Atchison co. Mo.	history	977.811	
Athanasian creed		238.1	
Atheism	apologetics	239	
	natural theol.	211	
Atheists	biografy	922.91	
Atheneum	libraries	027.2	
Atheneums, Dutch	educ.	379.492	
Athenian suprem.	Gk hist.	938.04	
Athens	ancient history	938.5	
<sup>1</sup>	modern	949.5	
	travel	914.95	
<sup>1</sup> co. O.	history	977.197	
Athletic			
clubs	hygiene	613.7	
sports	amusements	796	
	hygiene	613.72	
	interschool	371.75	
	school hygiene	371.74	
training	hygiene	613.73	
Atlanta			
campaign	U. S. civ. war	973.7371	
Atlanta			
ship	U. S. war of 1812	973.5255	
Atlantic			
cable,	see	Telegraf	
<sup>1</sup> co. N. J.	history	974.984	
ocean	phys. geografy	551.461	
	travel	910.4	
squadron	U. S. civ. war	973.756	
	U. S. war with Spain	973.895	
states			
	For military history of N. or		
	S. division or individual		
	states, see subdivisions of		
	Special campaigns, and Mil-		
	itary history under 973.3,		
	973.52, 973.62, 973.7 and		
	973.89		
telegraf	communication	654.5	
	elec. eng.	621.3828	
	sociology	384	
Atlantis	antiquities	913.39	
	mythology	292	
	orig. home of man	572.4	
Atlanto-axial joint	anat.	611.7215	
Atlanto-odontoid joint	"	611.7215	
Atlas vertebra	"	611.7112	
Atlases			
celestial astronomy		524	
geografy		912	
school apparatus		371.6791	
	see also special topics		
Atlo-axoid joint	anatomy	611.7215	
Atmosphere			
erosion		551.37	
geologic agent		551.93	
ground	pub. helth	614.773	
hight of astronomy		523.58	
meteorology		551.5	
moon		523.35	
pneumatics		533.3	
Atmospheric			
currents		551.51	
electricity		537.4	
engins	pneumatics	533.8	
pressure	"	533.4	
	physiology	612.27	
railways		625.5	
roads	aeronautics	629.145	
vibrations	sound	534.1	
Atolls	physical geology	551.96	
Atomic theory		541.2	
	weights	541.2	
Atomistic filosofy		182.6	
Atoms	stereochemistry	541.6	
	theory	541.2	

Atonement christology	232.3	<sup>1</sup> Aude, France history	944.87
Atrium middle ear	<b>611.854</b>	Audifone acoustics	534.7
Atrofies		Auditing	657
muscular physiology	612.7465	Audition, <i>see</i> Hearing	
of spinal cord "	612.835	Auditory	
skin diseases	616.54	acuteness physiology	612.85871
Atropin		canal ear diseases	617.83
effect on hart physiol.	612.1741	center physiology	612.85872
iris mydriatics	615.784	nerv anatomy	<b>611.8318</b>
physiol.	612.8424	physiology	612.8198
saliva "	612.31342	path, central anatomy	611.83181
materia medica	615.336	reflexes physiology	612.8588
Attack		subjectiv sensations "	612.85873
means of comp. physiol.	<b>612.016</b>	Auditus coloratus "	612.84373
zoology	591.57	<sup>1</sup> Audrain co. Mo. history	977.833
military engineering	<b>623.2</b>	<sup>1</sup> Audubon co. Ia. history	977.7486
science	<b>355.4</b>	societies	179.3
Attacks		Auerbach, B. Ger. fiction	833.81
on laborers strikes	331.891	Auersperg, A. A. " poetry	831.77
Attendance		Augier, G. V. E. Fr. drama	842.83
church	264	<sup>1</sup> Auglaize co. O. history	977.143
school	371.52	<sup>2</sup> Augment Gk etymology	482.8
Attendants lib. economy	023.794	Augsburg confession	
Attention physiol. psychol.	612.8212	Lutheranism	284.1
Atterbom, P. D. A.	839.7165	reformation history	270.6
Attic		Augury	133.3
domestic economy	645.69	Augustine mediev. philos.	189.2
middle ear	611.8545	Augustinian monks	271.4
Attica Greek ancient hist.	938.5	Augustinism doctrins	230.14
Attitude, constrainsd hyg.	613.65	Auk zoology	598.4
Attollens muscle anat.	611.7324	Auricle ear diseases	617.82
Attorneys law	340	<b>Auricles of hart anat.</b>	<b>611.125</b>
lives	<b>923.4</b>	Auricular	
Attraction		artery, posterior "	611.13325
capillary liquids	532.6	confession ordinances	265.6
chemic affinity	541.39	nerv, large anat.	611.83332
gravity	531.5	valvs, right "	611.1266
magnetism	<b>538</b>	Auriculoventricular valvs	611.1264
of mountains geodesy	526.14	<sup>1</sup> Aurora, Ill. history	977.323
sun and earth	523.33	Auroras	523.59
Attrahens muscle anat.	611.7324	Auscultation pathology	616.074
Attributes of God	231.4	Austen, J. English fiction	823.74
Aubanel, J. M. Prov. poetry	849.145	Austerlitz Europ. hist.	940.8
<sup>1</sup> Aube, France history	944.33	French "	944.05
Aubigné, T. A. d' Fr. satire	847.34	Austin friars	271.4
Auburn prison system	365	<sup>1</sup> Austral ilands hist.	996.2
Auction		<sup>1</sup> Australasia "	<b>993</b>
catalogs author	018.3	Australia	
clast	017.3	administration	<b>354.94</b>
dictionary	019.3	botany	<b>581.994</b>
Auctions		finance	<b>336.94</b>
book library buying	025.224	geology	<b>559.4</b>
business methods	658	history	<b>994</b>
law of	347.7	maps	<b>912.94</b>

Australia		Autobiography	920
schools, public	379.94	Autocracy form of state	321.6
statistics	319.4	Auto-da-fé Span. history	946.04
travel	919.4	" inquis.	272.2
other topics see table 1		Autodigestion of stomach	612.3234
Australian		Autoelectrolytic processes	
ballot suffrage	324.256	practical chemistry	542.8
Austria		Autographs book rarities	091
administration	354.436	Autolysis physiol. chem.	612.015349
antiquities	913.436	Automata, mechanical	791
architecture	720.9436	metaphysics	127
botany	581.9436	Automatic	
colleges	378.436	actions of animals phys.	612.821312
constitutional law	342.43	checks gun mounts	623.43561
education	370.9436	fire extinguishers	614.844
finance	336.436	guns ordnance	623.4225
geology	554.36	small arms	623.4424
history	943.6	pistols " "	623.4433
laws	349.43	rifles small arms	623.4424
maps	912.436	shaft-governor engines	621.1643
religious history	274.36	switchboards telephony	621.3877
schools, public	379.436	telephone systems	621.38575
statistics	314.36	telegraf elec. eng.	621.3824
travel	914.36	Automobile	
treaties	341.2436	torpedoes naval engin'g	623.95
zoology	591.9436	Automobiles engin'g	629.2
other topics see table 1		Autonomy ethics	171.6
Austrian		pol. sci.	320.1
architecture, Romanesque	723.43	Autopsy pathology	616.079
ascendancy in Italy	945.07	Autotomy comp. physiol.	612.0161
Netherl'ds	949.202	zoology	591.57
succession, war U.S. hist.	973.26	Autotransformers eng.	621.3144
Authenticity of Scripture	220.1	Autotypes	773
Author		Autumnal catarrh diseases	616.202
bibliographies, individual	012	<sup>1</sup> Auvergne, France hist.	944.59
catalog lib. admin.	025.3	<b>Auxiliaries, Amer. in revol.</b>	<b>973.346</b>
catalogs bibliografy	018	<sup>1</sup> Ava, Burmah history	959.2
Authority		Avalanches phys. geology	551.31
church and ministerial	262.8	Avaris ethics	170.8
ethics	171.1	Avars history	950
school	371.5	Avatars Brahmanism	294
Authors		Average	
and publishers	655.52	maritime law	347.7
anonymous bibliografy	014	probabilities	519.6
birthdays school observ.	371.365	values, alligation	511.8
individual bibliog.	012	Averroes mediev. philos.	189.3
lives	928	<sup>4</sup> Avesta, Zend language	491.52
rights of copyright	655.6	<sup>5</sup> literature	891.52
law	347.7	religion	295
special classes bibliog.	013	<sup>1</sup> Aveyron, France hist.	944.74
wages	655.52	Aviation	
Authorship		amusements	796
Bible	220.1	engineering	629.17
literary methods	029.6	physics	533.6

Avicenna mediev. philos.	189.3	Baalbec ancient history	939.42
Aviculture	636.6	Babies, <i>see</i> Infants	
Aviettes aeronautics	629.179	Babism Moham. sect	297
Avignon		Babrius Greek poetry	881.4
council of relig. hist.	270.5	Babylon	
Avilla, J. de Span. letters	866.31	ancient history	935.4
Avoirdupois weights	389	architecture	722.5
Avon, ship U.S. war 1812	973.5255	<sup>4</sup> language, cuneiform	492.19
Awnings dom. economy	645.3	religion	299.219
ship outfit	623.86	Baccalaureate sermons	252.5
Axes, position of geodesy	526.16	<b>colleges</b>	<b>378</b>
Axilla anatomy	611.971	Bacchanalia soc. customs	394.1
Axillary		Bacchus mythology	292
artery	" 611.1341	Bachelors celibacy	176.2
glands	" 611.4671	Back bursae of "	611.753
muscle	" 611.7371	Backbone anatomy	611.711
veins	" 611.1454	Backgammon	
Axis		ethics	175.5
bone anatomy	611.7113	games	795
cerebrospinal "	611.811	Backsight ordnance	623.4251
Axle physics	531.82	Backstitching dom. econ.	646.21
transmission mechanism	621.822	Bäckström, P. J. E.	839.7266
Axles railway engineering	625.21	Bacon, Francis	
<sup>1</sup> Ayr, Scotland history	941.42	British philosophers	192.1
Azeglio, M. d' Ital. fiction	853.78	empiricism	144
Azimuth		English essays	824.3
constant	522.37	Baconian philosophy	192.1
determinations	526.63	Bacon's rebellion Va. hist.	975.5
instrument astronomy	522.42	Bacteria	
Azo-bodies organ. chem.	547.8	botany	589.95
Azoic rocks stratigraf. geol.	551.71	fermentation	663.1
<sup>1</sup> Azores history	946.99	theory of diseases	616.01
Azotin		Bactericidal properties of	
fertilizers	631.848	blood physiology	612.118223
Azoxy-bodies organ. chem.	547.8	Bacteriology	
Aztec		of <b>intestin</b> <b>physiology</b>	<b>612.3363</b>
architecture	722.9	saliva "	612.31363
club of 1847	369.145	stomach secret. "	612.3263
history	972.014	pathology	616.01
language	497	<sup>4</sup> Bactrian, Old language	491.52
Azygos veins anatomy	611.1456	Bactriana ancient hist.	939.64
		Bad social customs hyg.	613.87
		<sup>1</sup> Baddeck, N. S. history	971.693
		<sup>1</sup> Baden, Germany history	943.46
		Badges heraldry	929.8
		Badminton games	796
		Baffin's bay travels	919.8
		Bagatelle amusements	794
		<sup>1</sup> Bagdad history	956.7
		Baggesen, Jens Dan. poetry	839.8156
		<sup>1</sup> Bagot co. Que. history	971.4525
		Bagpipe	788.9
		Bags and bagging manuf.	677

<sup>1</sup> Bahamas	history	972.96	Ballads			
	travel	917.296	<sup>6</sup> English literature		821.04	
Baif, J: A. de	Fr. poetry	841.36	song books		398.8	
	L. de	842.32	Swedish poetry		839.7114	
Bail	criminal law	343	vocal music		784.3	
Bailiffs	local gov't	352.2	Ballast	railway engin'g	625.14	
Baillie, Joanna	Eng. drama	822.71		transportation	656	
Bailments		347.4	Ballet	amusements	792	
Bain automatic telegraf		621.38241		ethics	175.2	
Bait for specimen collecting		579.611	Ballistics			
Baker	shorthand	653.35	exterior	mil. engin'g	623.54	
Bakers' occupation hygiene		613.64	interior	" "	623.53	
Baking			Balloon			
cookery		641.71	sonde	aeronautics	629.151	
powder	adulterations	614.315	Ballooning	aeronautics	629.15	
	chem. tech.	664.6		military	623.741	
Balance				physics	533.6	
bridge	engineering	624.35	Ballot	suffrage	324.25	
machines		531.81	Balloting			
metrology		389	legislativ procedure		328.375	
of power	polit. science	320.1	see also distinctiv name			
trade	commerce	382	Ballots			
spring	watchmaking	681	count of	suffrage	324.261	
Balanced courses	educ.	375.005	miscount of	"	324.275	
Balancers	elec. eng.	621.31327	Ballroom furnishings		645.69	
Balances, chemic		542.32	Ball's Bluff, Va.	U. S. hist.	973.7318	
Balancing			Balls			
apparatus	aviation	629.186	dancing		793	
ballooning	aeronautics	629.166	domestic economy		642.43	
machinery	shipbuilding	623.87	ethics		175.3	
running gear	railrd eng.	625.21	projectils	ordnance	623.45111	
Balanophoreæ	botany	583.947		small arms	623.4551	
Balanopseæ	"	583.961	<sup>1</sup> Baltic provinces, Rus. hist.		947.4	
Balbo, Cesare	Ital. essays	854.74	sea	phys. geog.	551.461	
Balbóa	discov. of Amer.	973.16		travels	914.74	
Balconies, sleeping			<sup>1</sup> Baltimore city	history	975.26	
furnishing	dom. econ.	645.67		travels	917.526	
location	" "	643.57	<sup>1</sup>	co. Md.	history	975.271
Balcony furnishings		645.8		riot	U. S. civil war	973.7313
Baldi, Bernardino	It. poet.	851.47	<sup>1</sup> Baluchistan	history	958.8	
Baldness	dermatology	616.54	Balustrades	arch. design	729.39	
Bale, J:	English drama	822.23	Balzac, H. de	Fr. fiction	843.73	
<sup>1</sup> Baleaic Islands	history	946.7	Bampton lectures		239.01	
<sup>1</sup> Balize	history	972.82	Bananas	agriculture	634.7	
	travels	917.282	Band			
<sup>1</sup> Balkan states	history	949.6	irons	plumbing	696.7	
Ball			saws	machine tools	621.93	
and socket joint	anat.	611.72963	Bandages	surgery	617.93	
bearings	engineering	621.822		therapeutics	615.813	
	strength	620.11284	Bandello, Matteo	Ital. fic.	853.32	
playing	amusements	797	Banditti	biografy	923.41	
	school hygiene	371.74		law	343	
Ballads			<sup>1</sup> Banff, Scotland	hist.	941.24	
Danish poetry		839.8112				

<sup>1</sup> Bangkok	history	959.3	Barbarians	
	travel	915.93	prehistoric archeology	571
Bangorian controversy		283.42	S. American indians	980
Banishment	crim. law	343.2	war customs	399
Banjo		787.7	Barbarism vs church	261.3
Bank			Barbarisms	Eng. lang. 428.3
	note engraving	768	<sup>3</sup> other languages	
	notes counterfitting	332.9	<sup>1</sup> Barbary States	history 961
	money	332.5	wars	U.S. hist. 973.47
	of Eng. economics	332.15	Barbd wire	manufacture 672
	the U.S. "	332.11	Barberini vase	pottery 738
	U.S. national	U.S. hist. 973.41	Barberino, F. da	Ital. fic. 853.12
Bankers	biografy	923.3	Barbers	391.5
Banking		332.1	Barbet	
Bankrupt laws		347.7	armor	shipbilding 623.9
Bankruptcy		347.7	mounts	ordnance 623.4332
Banks			Barbier, H.A.	Fr. satire 847.72
and banking	law	347.7	Barbizon school	painting 759.4
architecture		725.24	Barbour, J.	Eng. poetry 821.16
cooperativ	cooperation	334.2	<sup>1</sup> Barbour co. W. Va.	hist. 975.459
political	economy	332	<sup>1</sup> Barcelona	history 946.7
savings	banking	332.2	travel	914.67
state control		351.825	Barclay, A.	Eng. satire 827.21
Banners	heraldry	929.9	Bards and minstrels	
	sacred ornam'ts	247.9	English literature	821
Banquets			French	" 841
domestic economy		642.45	German	" 831
social customs		394.1	<sup>6</sup> other literatures	
student life		371.89	Bare wire	elec. engin'g 621.31932
Banting	dietetics	613.24	Barebones parliament	942.064
Banville, T.F. de	Fr. poet	841.83	Baretti, G.	Ital. satire 857.65
Baptism	of infants	265.1	Barges	shipbilding 623.829
	sacrament	265.1	Barium	inorganic chem. 546.43
Baptismal			Barley	agriculture 633.1
fonts	sacred furniture	247.1	brewing	663.3
regeneration	salvation	234.4	Barlow, Joel	Am. poetry 811.23
Baptisms	registers of	929.3	Barnacles	zoology 595.35
Baptistery	sac. furniture	247.1	Barns	architecture 728.95
Baptists		286	<sup>1</sup> Barnstable co. Mass.	hist. 974.49
biografy		922.6	<sup>1</sup> Baroda, India	history 954.7
persecution by Puritans		272.8	Barometer	pneumatics 533.4
Bar			Barometric	
association		347.06	leveling	geodesy 526.37
keeper's manuals		663.8	pressure	mesology 612.01441
legal		340	physiol. effects	612.27
biografy		923.4	respiration	612.2232
tending	ethics	178.4	Barometry	hypsometry 551.53
<sup>1</sup> Baraga co. Mich.	history	977.497	meteorology	551.54
<sup>1</sup> Barbados	history	972.98	Baron, M.B.	Fr. drama 842.48
travels		917.298	Baronage	heraldry 929.7
Barbarians			Baronetage	" 929.7
antiquities	see country		Barons war	Eng. hist. 942.034
invasion of Rome		937.09	Baroque style	architec. 724.19
N. American indians		970.1	Barracks	architecture 725.18

Barracks	hygiene	613.67	Basilican code	law	349.37
	military eng.	623.612	<sup>1</sup> Basilicata, Italy	history	945.77
Barrages	engin'g	627.1	Basilisk	legends	398.2
Barrel organs	music	789.9		zoology	598.11
Barricade	military eng.	623.15	Basin		
Barrier forts	military eng.	623.134	docks	shipbuilding	623.83
Barriers	elec. engineering	621.3177	Basins		
Barrili, A.G.	Ital. fiction	853.82	catch	sewers	628.255
<sup>1</sup> Barron co. Wis.	history	977.518	filter	waterworks	628.16
Barrows, British	archeol.	571.92	physical	geography	551.43
	shorthand	653.73	Basis pedunculi	anat.	611.81542
<sup>1</sup> Barry co. Mich.	history	977.416	Basket ball	games	796
<sup>1</sup>	Mo.	977.876	Basketry		
Bars	harbor engineering	627.1	elementary	education	372.55
	strength of materials	620.11282	manufactures		674
Barter	commerce	380	ornamental		745
Barthélemy, A.M.	Fr. sat.	847.71	prehistoric		571.53
Bartholin, Kaspar	Dan. lit.	839.883	Baskets		
	T:	" "	balloon	aeronautics	629.162
		839.883	<sup>1</sup> Basle	history	949.4
Bartholini's glands	anat.	611.677		travel	914.94
	phys.	612.494	Basque		
Bartholomew			<sup>4</sup> language		491.69
<sup>1</sup> co. Ind.	history	977.224	<sup>5</sup> literature		891.69
fair	public customs	394.6	<sup>1</sup> provinces	history	946.6
St	religious persecu.	272.4	Bas-relief	sculpture	736
Bartoli, D.	Italian essays	854.53	Bass	fishing	799
<sup>1</sup> Barton co. Mo.	history	977.871		zoology	597.5
Baruch	Apocrypha	229.5	Bass clarinet	wind instrum.	788.6
<sup>4</sup> Bas Breton	language	491.68	horn	" "	788.48
Basalt	geology	552.28	Basses		
Bascule bridges	engin'g	624.82	<sup>1</sup> Alpes, France	history	944.95
Base			<sup>1</sup> Pyrénées	"	944.79
line	geodesy	526.24	Bassethorn	music	788.6
mesures, adjust. of	geod.	526.57	Bassoon	"	788.8
mesuring	"	526.2	Bastardy	law	347.6
Baseball	amusements	797	Bastile	prisons	365
	school hygiene	371.74		French history	944.041
Bases			Bastions	fortifications	623.116
library	furniture	022.915	<sup>1</sup> Batavia	history	992.2
qualitativ	analysis	544.12		travel	919.22
theoretic	chemistry	541.4	Batavia system	educa.	371.394
wage	political econ.	331.23	<sup>1</sup> Bates co. Mo.	history	977.843
walls		721.25	Bath, order of the	heraldry	929.71
Bashan	ancient history	939.46	Bathing		
Bashfulness	ethics	179.9	customs		391.6
Basidiolichenes	botany	589.11	domestic	economy	646.7
Basidiomycetes	"	589.22	hygiene		613.41
Basilar			school	hygiene	371.735
arteries	anatomy	611.1349	suits	dom. econ.	646.47
phalanges of foot	"	611.71891	Bathroom	furnishings	645.68
hand	"	611.71791		location	643.52
Basilic veins	"	611.145462	Baths		
Basilica	architecture	726.5	admin. of medicin	by	615.67
	Roman antiqui.	913.37			



- Baths  
 antipyretics 615.75  
 antiquities Greek 913.38  
                   Roman 913.37  
 architecture 725.73  
 hydrotherapy 615.853  
 hygiene 613.41  
 nutritiv hygiene 613.23  
 physiologic effects 612.541  
 practical chemistry 542.4  
 Batideæ botany 583.916  
 Batrachia paleontology 567.6  
                   zoology 597.6  
 Bats 599.4  
 Battalion mil. science 355.31  
                   drill " tactics 356  
 Batteries  
 advancing siege works 623.23  
 electric engineering 621.354  
                   physics 537.86  
 floating naval eng. 623.93  
 military mil. " 623.4  
 storage elec. " 621.354  
 Battering ram war customs 399  
 Battery  
 carriages ordnance 623.4316  
 tools mil. engin'g 623.461  
<sup>1</sup>Battle Creek, Mich. hist. 977.422  
 Battle  
 paintings 756  
 wager of legal antiq. 340.3  
 Battledoor outdoor sports 796  
 Battleflag day U.S.civ.war 973.763  
 Battles  
 land military science 355  
 naval naval " 359  
 U. S. history civil war 973.73  
                   Mex. " 973.623  
                   revolution 973.33  
                   Span. war 973.893  
                   war of 1812 973.523  
 see also hist. of other countries  
 Battleships shipbuilding 623.825  
 Baude, Henri Fr. poetry 841.24  
 Baudot printing telegraf 621.38255  
 Bauxite econ. geology 553.49  
                   metallurgy 669.7  
<sup>1</sup>Bavaria history 943.3  
                   travels 914.33  
<sup>1</sup> Lower history 943.35  
                   travels 914.335  
<sup>1</sup> Rhenish history 943.43  
                   travels 914.343  
 Bavaria  
<sup>1</sup> Upper history 943.36  
                   travels 914.336  
 Bay  
<sup>1</sup> City, Mich. history 977.447  
<sup>1</sup> co. " " 977.447  
                   of Bengal phys. geog. 551.467  
                   windows architec. design 729.38  
 Bayeux tapestry decoration 746  
<sup>1</sup>Bayfield co. Wis. hist. 977.513  
 Bayonet  
 drill mil. science 356  
 military efficiency 623.4443  
 wepons 399  
 Bays hydrografy 526.99  
 Beaches, formation of 551.36  
 Beacons navigation 656  
                   river engin. 627.9  
 Beaconsfield Eng. fict. 823.86  
 Beads  
 archeology 571.74  
 blowpiping prac. chem. 542.52  
 decoration 746  
 devotional 247.9  
 ornaments 391.7  
 Beadwork 746  
 Beagle expedition 508.3  
 Beakers prac. chem. 542.231  
 Beam  
 and scales metrology 389  
 side-lever engins 621.1222  
 Beams  
 bilding 694  
 iron bridgebilding 624.22  
 strength of materials 620.11282  
 strengthend carpentry 694.3  
 wood bridgebilding 624.222  
 Bean  
 family fruit culture 634.46  
 Beans field crops 633  
                   garden " 635.6  
 Bearbaiting customs 394.2  
 Beards " 391.5  
 Bearings  
 engineering 621.822  
 steam turbin design 621.16539  
<sup>1</sup>Bearn, France history 944.79  
 Beasts  
 of burden dom. animals 636  
 zoology 599  
 Beatitudes Gospels 226.2  
<sup>1</sup>Beauce co. Que. history 971.471  
<sup>1</sup>Beauharnois co. Que. " 971.432  
 Beaumarchais Fr. drama 842.58

Beaumont, F. Eng. drama	822.35	Beetles	
<sup>5</sup> Beauties, select'ns Eng. lit.	828	pests	632
Beauty esthetics	701	Beets, N. Dutch essays	839.3454
personal	701	Beets gardening	635.1
Beaux social ethics	177.6	Beggars charity	177.7
Beaver animals	599.3	pauperism	339
<sup>1</sup> co. Pa. history	974.892	pub. administra.	351.763
Beccaria, C. B. Ital. essays	854.65	Begoniaceæ botany	583.468
Beccuti, Francesco " satire	857.42	Behaim, M. disc. of Am.	973.11
<sup>1</sup> Bechuanaland history	968.9	<b>Behavior</b>	177
travels	916.89	Behheading punishments	343.2
Becquerel rays chemistry	541.38	Behemoth	
mesology	612.014482	Bible	220.859
Bed		folklore	398.4
room furnishings	645.67	Behistun inscription	492.1917
wagon aid to injured	614.883	Behn, Aphra Eng. fiction	823.44
warmers	644.19	Behring, <i>see</i> Bering	
Bedbugs animal parasites	616.9681	Being, nature of ontology	111
household pests	648.7	Beispiele German satire	837.21
zoology	595.75	Bel and the dragon Apocr.	229.6
Bedding domestic econ.	645.67	Belcari, F. Ital. drama	852.21
hygiene	613.591	<sup>1</sup> Belfast history	941.61
<sup>1</sup> Bedford co. England history	942.56	travels	914.161
<sup>1</sup> Pa. "	974.871	<sup>1</sup> Belfort, France history	944.45
Bedouins		<sup>1</sup> Belgian Kongo history	967.5
Arabian history	953	<b>Belgium administration</b>	354.493
travel among	915.3	antiquities	913.493
Beds		architecture	720.9493
domestic economy	645.67	botany	581.9493
hygiene	613.591	colleges	378.493
Beecher, H: W. Am. orat'y	815.36	<b>constitution. law</b>	342.493
Beef		education	370.9493
cure therapeutics	615.854	finance	336.493
food	641.3	geology	554.93
production agriculture	636.2	<sup>1</sup> history	949.3
economics	338.1	laws	349.493
Bee-keeping	638.1	maps	912.493
Beer		religious history	274.93
adulterations	614.344	schools, public	379.493
analysis, chemic	543.1	statistics	314.93
drinking ethics	178.1	travel	914.93
manufacture	663.4	treaties	341.2493
Bees		zoology	591.9493
agriculture	638.1	other topics <i>see</i> table 1	
insects	595.79	Belief salvation	234
wax agriculture	638.1	theory of knowl.	121
Beet sugar chem. technol.	664.1	<sup>1</sup> Belize history	972.82
Beethoven's		travels	917.282
overtures	785.5	<sup>1</sup> Belknap co. N. H. hist.	974.24
sonatas piano music	786.41	Bell	
symphonies orches. "	785.1	book and candle church	262.9
Beetles		ringing	789.5
insects	595.76	system education	371.41
paleontology	565.76	shorthand	653.42

Belladonna			
cerebrospinal poisons	615.98		
mydriatics	615.784		
Bellamy, J. Dutch poetry	839.3146		
Belleau, Remy Fr. "	841.33		
<sup>1</sup> Bellechasse co. Que. history	971.473		
<b>Belles-lettres</b>	<b>800</b>		
<sup>1</sup> Belleville, Ill. history	977.389		
Belligerents, rights of	341.3		
Bellman, K:M. Swed. poet.	839.7151		
Bellows prac. chem.	542.53		
Bells			
diving hydraulic eng.	627		
domestic economy	643.6		
manufacture	673		
music	789.5		
signals	654.7		
Bell's respiratory nerv	611.83336		
Belmont			
battle U. S. civil war	973.751		
<sup>1</sup> co. O. history	977.193		
<sup>1</sup> Beloit, Wis. history	977.588		
<sup>1</sup> Beloohistan "	958.8		
Belt conveyers mech. eng.	621.8675		
courses walls	721.25		
equatorial	525.14		
waterline shipbuilding	623.9		
Belting mech. eng.	621.852		
Belts			
domestic economy	646.48		
of Jupiter descr. astron.	523.45		
Bembo, Pietro Ital. poetry	851.31		
Bemis Heights Amer. rev.	973.3333		
<sup>1</sup> Benares history	954.2		
travel	915.42		
<b>Bench and bar biography</b>	<b>923.4</b>		
Benches school	371.631		
Bending machines	621.982		
Bends hydraulics	532.55		
Benedetti, F. Ital. drama	852.67		
Benedictine monks	271.1		
Benediction	264.9		
Benedictus sacred music	783.22		
Benedix, J. R. Ger. drama	832.81		
<b>Benefactors biography</b>	<b>923.6</b>		
Beneficence ethics	177.7		
Benefices cleric support	254		
Benefit			
of clergy legal antiq.	340.3		
societies insurance	368		
Benevolence ethics	177.7		
Benevolent			
<b>institutions</b>	<b>361</b>		
Benevolent			
<b>societies</b>	<b>361</b>		
parish work	256		
Bengal			
bay of phys. geograpy	551.467		
<sup>1</sup> India history	954.1		
<b><sup>4</sup>Bengali language</b>	<b>491.44</b>		
Bengel burners prac. chem.	542.44		
<sup>1</sup> Benguela history	967.3		
Benivieni, G. Ital. poetry	851.25		
Bennington, Vt. battle	973.3332		
<sup>1</sup> co. Vt. hist.	974.38		
Benserade, I. de Fr. satire	847.44		
<sup>1</sup> Benton co. Ind. history	977.297		
<sup>1</sup> Ia. "	977.761		
<sup>1</sup> Mo. "	977.839		
Benzenes organ. chem.	547.26		
<sup>1</sup> Benzie co. Mich. hist.	977.463		
Benzele light chem. tech.	665.7		
Beowulf Anglo Sax. poet.	829.3		
Bequests law	347.6		
library	021.94		
Beranger, P: J: de Fr. poet.	841.71		
Berberideæ botany	583.117		
Berbers description	916.1		
Berceo, G. de Span. poetry	861.13		
Berchet, G. Italian "	851.71		
<sup>1</sup> Bergen, Norway hist.	948.3		
<sup>1</sup> co. N. J. "	974.921		
Bergh, H. van den	839.3252		
Bergklint, O. Swed. poetry	839.7147		
Bergman, T. O. " misc.	839.7848		
Bering			
sea arbitration U.S.hist.	973.87		
treaty "	973.86		
strait travel	917.98		
Berkeley, G: Brit. philos.	192.3		
idealism	141		
<sup>1</sup> Berkeley city, Cal. history	979.467		
<sup>1</sup> co. W. Va. hist.	975.497		
<sup>1</sup> Berks co. England history	942.29		
<sup>1</sup> Pa. "	974.816		
<sup>1</sup> Berkshire co. Mass. hist.	974.41		
Berlier sewerage system	628.215		
<sup>1</sup> Berlin history	943.15		
travels	914.315		
cong. internat. law	341.1		
decree " "	341.3		
Bermuda Hundred	973.7365		
<sup>1</sup> Bermudas history	972.99		
travel	917.299		
Bernadotte Swedish hist.	948.07		
Bernardines monastic ord.	271.79		

Bernart de Ventadorn			Bible	
Provençal poetry	849.125		antiquities	220.93
<sup>1</sup> Berne	history	949.4	Jewish	913.33
	travels	914.94	archeology	220.93
Berni, F.	Italian satire	857.32	biografy	220.92
Beroalde de Verville, F.			canon	220.1
French fiction	843.36		chapter and verse divis.	220.1
<sup>1</sup> Berrien co. Mich.	history	977.411	chronology	220.94
Berries	fruits	634.7	classes	Sunday schools 268
<sup>1</sup> Berry, France	history	944.55	Y. M. C. A.	267.3523
Bersezio, V.	Ital. drama	852.81	codices	220.4
<sup>1</sup> Berthier co. Que.	history	971.443	commentaries	220.7
Bertillon system	anthropol	573.6	concordances	220.2
<sup>1</sup> Berwick, Scotland	history	941.45	criticism	220.6
Beryllium	inorgan. chem.	546.45	cyclopedias	220.3
Beskow, B. von Swed.	lit.	839.7262	dictionaries	220.3
Bessel's			evidences	220.1
base mesuring apparatus	526.22		exegesis	220.6
deduction L. M. Z. formu.	526.47		geografy	220.91
determ. of earth's figure	526.15		anc. geog.	911.33
functions	517.35		hermeneutics	220.6
Bessemer			history	220.95
process metallurgy	669.1		Jewish history	933
steel engin'g materials	620.17		in public schools educ.	377.1
<b>Best reading</b>	<b>028</b>		inspiration	220.1
Betel	botany	583.925	legends of	398.1
	narcotics	613.85	manuscripts	220.4
Bethel ch. Va.	U.S. civ. war	973.7313	parallels Gospels	226.1
Beton			patriarchs	220.92
chemic technology	666.8		polyglots	220.5
construction masonry	693.5		revision English	220.52
<b>engineering materials</b>	<b>620.13</b>		science in	220.85
Betrothal	customs	392.4	societies	206
Betterments	law	347.2	Bibliofiles	biografy 920.1
Bettinelli, S.	Ital. essays	854.61	<b>Bibliofily</b>	<b>010</b>
Betting	ethics	175.9	Bibliografers	biografy 920.1
news journalism	070.446		Bibliografies	general 011
lib. econ.	024.58		<b>Bibliografy</b>	<b>010</b>
Beverages			<b>national</b>	<b>015</b>
adulterations	614.34		of special authors	012
alcoholic hygiene	613.81		subjects	<b>016</b>
temperance	178		<b>Bibliomania bibliografy</b>	<b>010</b>
hygiene	613.3		Bicameral legislature	328.392
manufacture	663		Biceps	
recipes	641.87		brachii anat.	611.73721
water hygiene	613.31		femoris "	611.73827
Beyle, M. H.	French fiction	843.71	Bicuspid valvs anat.	611.12642
Bézique	amusements	795	Bicycle	
Bezoar stones	medicin	615.89	amusements	796
Bhagavat Ghita	Sans. lit.	891.2	manufacture	629.2
<sup>1</sup> Bhotan, India	history	954.1	rinks architecture	725.86
<b>Bible</b>	<b>220</b>		room lib. bildings	022.687
aids to study	220		Bids bilding	692.4
and science apologetics	239.8		Biehl, C. D.	Dan. drama 839.8251

Biennial legislation	328.353	Biliary	
Big Bethel, Va. battle	973.7313	secretion man	612.3573
Bigamy ethics	173.2	substances, abnormal	612.35769
law	343	Bilious fever diseases	616.36
Bigelow's ligament anat.	611.7282	Biliousness "	616.36
Bignoniaceæ botany	583.84	Bill	
Bigotry ethics	179.8	of exchange banking	332.45
Bijns, Anna Dutch poetry	839.3122	'law	347.7
Bilderdijk, Wil. "	839.3151	rights English	342.429
<b>Bilding</b>	690	Billiard	
accidents inter. affairs	351.781	room furnishings	645.69
accounts, supervision of	692.7	library bldgs	022.664
<b>architecture</b>	720	saloons architecture	725.84
associations coopera.	334.1	Billiards ethics	175.4
loan insti.	332.32	game	794
construction history of	690.9	Billings, Josh Am. humor	817.46
contracts	692.9	Billon coins and coinage	332.41
laws, bilding	692.9	Bills	
protoc. of life	614.85	and notes law	347.7
rent of land for	333.6	checking lib. econ.	025.234
stones econ. geol.	553.5	legislativ before passage	328.374
materials	691.2	passage	328.375
<b>Bildings</b>		<b>procedure</b>	328.373
hight of public helth	614.784	of credit law	347.7
inspection of	614.85	mortality statistics	312
library	022	pub. helth	614.12
architecture	727.8	law	347.3
lib. admin.	025.9	Bilt-up guns	623.4216
military engineering	623.6	Bimana mammals	599.9
out architecture	728.9	Bimetallism coinage	332.42
public "	725	Binary stars astronomy	523.84
local government	352.5	vapor engines	621.44
transit astronomy	522.13	<b>Binaural hearing</b> physiol.	612.85875
Y. M. C. A.	267.32	Binders	
architecture	726.9	library employees	023.771
<b>Bile</b>		temporary lib. fittings	025.7
ducts absorption in	612.35772	Binding	
anatomy	611.361	book library	025.7
obliteration of	612.35765	mechanic trades	686
physiology	612.3577	publishers'	655.53
effect of pancreatic juice	612.34251	rare	095
<b>physiology</b>	612.357	posts elec. eng.	621.3526
therapeutics	615.742	'Binghamton, N. Y. hist.	974.776
with gastric juice physi.	612.3226	Binocular	
<b>Biliary</b>		vision optics	535.7
acids physiology	612.35715	physiology	612.8462
calculi "	612.35764	Binomial theorem algebra	512.4
surgery	617.43	Biogenesis zoology	591.16
<b>excretion physiology</b>	612.3577	Biografic	
fistulas "	612.35711	sermons biografy	920
pigments "	612.35713	homiletics	252.9
in urin physi.	612.46667	<b>Biografy</b>	920
salts "	612.35715	of educators	923.7
secretion animals	591.148	hist. of educ.	370.92

<b>Biografy</b>		
of gipsies	397	
indians	970.2	
pirates	923.41	
slaves	326.92	
New testament	225.92	
Old "	221.92	
scriptural	220.92	
Biologic laboratories archi.	727.5	
<b>Biology</b>	<b>570</b>	
Biometry life insurance	368.3	
Bion Greek lyric poetry	884.7	
Biondi, L. Ital. drama	852.66	
Bioplasm	576.2	
Biplanes aeronautics	629.174	
Birch-Pfeiffer, C. Ger. dram.	832.74	
Bird day, school	371.365	
<b>Birds</b>	<b>598.2</b>	
agric. aids and pests	632	
cage domestic pets	636.6	
diseases of	619.6	
egs oology	598.2	
flight ae odynamics	629.142	
comp. physiol	612.768	
migration	591.52	
game sports	799	
nests of zoology	598.2	
paleontology	<b>568.2</b>	
poultry	636.5	
protection	179.3	
<sup>1</sup> Birmingham, Eng. history	942.48	
travels	914.248	
<b>Birth</b>		
customs	392.1	
growth after physiol.	612.65	
marks	617.3	
obstetrics	<b>618.2</b>	
rates public helth	614.11	
Birthday customs	392.1	
Birthdays, public schools	371.365	
<b>Births</b>		
registers of	929.3	
registration pub. helth	614.11	
statistics	<b>312</b>	
Bishop shorthand	653.74	
<b>Bishops</b>		
ecclesiastic polity	262.3	
in legislativ bodies	328.3324	
lives of	<b>922</b>	
<b>Bismuth</b>		
drugs digestiv system	615.735	
external agents	615.776	
inorganic chemistry	546.87	
Bismuthides mineralogy	549.3	
Bison hunting	799	
zoology	599.7	
Bissell bogies railway eng.	625.21	
Bisticci, V. da Ital. essays	854.23	
Bithynia anc. history	939.25	
Bitters aids to digestion	615.7341	
vegetable drugs	615.337	
Bitumen economic geol.	553.24	
Bituminous coal	553.24	
shale	553.23	
Bivalvs paleontology	564.1	
zoology	594.1	
Bixineæ botany	583.138	
Björnson, B. Norweg. fic.	839.8367	
<b>Black</b>		
art magic	133.4	
boards school fittings	371.631	
deth plague	614.49	
<sup>1</sup> Forest, Germany hist.	943.48	
trav.	914.348	
friars Dominicans	271.2	
Hawk war U. S. hist.	973.562	
hills, S. Dak. geology	557.83	
<sup>1</sup> history	978.3	
paleon.	560.9783	
travel	917.83	
hole, Calcutta	954.1	
monks Augustinians	271.4	
Benedictines	271.1	
sea travels	914.77	
<sup>1</sup> Blackford co. Ind. hist.	977.268	
trav.	917.7268	
<sup>1</sup> Blackhawk co. Ia. hist.	977.737	
Blacking chem. technol.	667.8	
<b>Blacklisting</b>		
labor strikes	331.894	
Blackmail law	343	
legislativ abuses	328.367	
journalism	070.16	
<b>Blacksmithing</b>	<b>682</b>	
<b>Bladder anatomy</b>	<b>611.621</b>	
diseases	616.62	
physiology	612.4671	
air comp. anat.	611.29	
physiology	612.767	
gall anat.	611.366	
physiology	612.35771	
swimming comp. anat.	611.29	
phys.	612.767	
Bladensburg U.S. war 1812	973.5238	
<sup>1</sup> Blair co. Pa. history	974.875	
Blanc, Mont travels	914.449	
Blanche, A:T. Swed. dram.	839.7263	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Bland silver act U.S. hist. 973.83
- Blanket ballot suffrage 324.254
- Blanks laborsavers 029.2
- library 025.121
- for special purpose
- see subject
- Blasphemy ethics 179.5
- law 343
- Blast
- furnace engin'g works 621.76
- metallurgy 669.8
- prac. chem. 542.42
- Blasting explosivs 662.2
- mining eng. 622.23
- submarine 622.23
- Blastopore embryology 611.01334
- Blastula " 611.013314
- Blazonry heraldry 929.8
- Bleachers' occupa. hygiene 613.62
- Bleaching 667.1
- Bleeding therapeutics 615.811
- wounds 617.14
- Blicher, S. S. Danish fic. 839.8362
- Blight agriculture 632
- bacteria 589.95
- Blind
- asylums architecture 725.54
- sociology 362.4
- education of 371.911
- libraries for 027.6
- observat'n of congenitally 612.84375
- printing for
- schools " 371.911
- Blindage mil. eng. 623.24
- Blind-def education of 371.913
- Blindness 617.7
- Blinds arch. construc. 721.87
- Blisters therapeutics 615.774
- Blizzards meteorology 551.55
- Block books 092
- <sup>1</sup> Island, R. I. hist. 974.58
- trav. 917.458
- pavement reinforced 625.87
- stone 625.82
- wood 625.83
- vote suffrage 324.222
- Blockade internat. law 341.3
- U. S. civ. war 973.758
- Blocks, patent printing 655.22
- reinforced roads 625.87
- Blood
- changes in respiration 612.23
- diseases 616.15
- examination 616.076
- Blood
- fertilizers 631.845
- histology 611.0185
- letting therapeutics 615.811
- making physiology 612.119
- muscular irritability 612.7416
- physiology 612.1
- poisoning diseases 616.94
- leucocytes 612.1126
- red corpus. 612.1114
- pressure physiol. 612.14
- purification " 612.23
- serum, albuminoids of 612.39812
- sugar of physiol. 612.35212
- transfusion " 612.1163
- therapeutics 615.65
- vessels anatomy 611.1
- embryology 611.01368
- sympath. syst. 612.899
- zoology 591.11
- Bloody assizes Eng. hist. 942.067
- Bloomer costume 391.2
- <sup>1</sup>Bloomington, Ill. history 977.359
- Blowing engines 621.6
- Blowout valvs steam eng. 621.18479
- Blowpiping
- apparatus 542.5
- mineralogy 549.1
- qualitativ analysis 544.3
- quantitativ " 545.4
- Blue
- books lists of officers 351.2
- parliamentary 328.42
- United States 328.73
- glass therapeutics 615.831
- language univ. lang. 408.9
- laws Connecticut 345.22
- prints fotografy 771
- Bluing laundry process 648.27
- supplies 648.18
- Blumauer, Aloys Ger. sat. 837.62
- Blunderbus firearms 623.441
- Blunders Eng. language 428.3
- <sup>8</sup> other languages
- etiquet 395
- Board
- of helth city gov't 352.4
- medicin 614
- reports of 614.09
- sanitary eng. 628
- trade architecture 725.25
- reports 381
- Boarding schools architec. 727.2
- educa. 373.2

Boards timber	674	Boileau-Despréaux, N.	847.46
Boat		Boiler	
<b>building</b>	<b>623.8</b>	accidents pub. helth	614.837
bridges engineering	624.87	steam eng.	621.1947
houses architecture	725.87	<b>construction</b>	<b>621.1845</b>
racing ethics	175.7	economy steam eng.	621.18413
school hygiene	371.75	explosions " "	621.1947
Boating amusements	797	<b>fuels</b> " "	<b>621.1822</b>
Boats		<b>houses</b> " "	<b>621.192</b>
life, <i>see</i> Life boats		inspection pub. helth	614.837
<b>shipbuilding</b>	<b>623.8</b>	steam eng.	621.1947
wharf architecture	725.34	<b>management</b> " "	<b>621.194</b>
<i>see also</i> qualifying words		<b>plants</b> " "	<b>621.19</b>
Boccaccio, Giov. Ital. fic.	853.15	setting steam eng.	621.18456
Bodel, Jean French dram.	842.13	shop engin'g works	621.792
Bodenstedt, F.; M. Ger. lit.	831.84	<b>Boilers</b>	<b>621.184</b>
Bode's law astronomy	523.21	insurance	368.7
Bodily strength athletics	613.72	<b>locomotiv</b>	<b>621.133</b>
Bodleian library	027.742	portable engin	621.153
Bodmer, J.; J. Ger. poetry	831.58	traction engin	621.143
Bödtcher, L. Dan. poetry	839.8166	<b>Boiling</b>	
Body		cookery	641.73
<b>and mind</b>	<b>130</b>	heat	536.44
<b>care of hygiene</b>	<b>613</b>	points chemistry	541.36
nursery	649.4	practical chemistry	542.48
school hygiene	371.73	Boils diseases	616.52
<b>cleanliness of hygiene</b>	<b>613.4</b>	Bojardo, M. Ital. poetry	851.22
congenital defects "	613.91	Boker, G. H. Am. drama	812.33
development childstudy	136.71	<sup>1</sup> Bokhara history	952.6
<b>physiol.</b>	<b>612.6</b>	Bolak universal lang.	408.9
mental influence cures	615.851	<sup>1</sup> Bolivia history	984
measurements of	573.6	Bollandists mon. orders	271.5
natural and spiritual	233.5	Bolle ram hydraulic mach.	621.272
symmetry of art anat.	743	<sup>1</sup> Bollinger co. Mo. history	977.894
<b>temperature of physiol.</b>	<b>612.56</b>	<sup>1</sup> Bologna history	945.4
training of hygiene	613.73	travels	914.54
weight anthropometry	573.6	Bolometer thermometry	536.51
Boendale, J. van Dut. misc.	839.381	Bolting pol. parties	329
Bœotia ancient history	938.4	<b>Bolts</b>	
Boer war	968.2	machinery	621.882
Boers history	968	strength of materials	620.11287
Boethius Provençal poet'y	849.111	track railway engin'g	625.15
Bog iron ore	553.3	Bombardon wind instr.	788.8
Bogies folklore	398.4	Bombards ordnance	623.4211
railway engin'g	625.21	<sup>1</sup> Bombay, India history	954.7
<sup>1</sup> Bohemia history	943.71	travel	915.47
travel	914.371	<b>Bombs</b>	
Bohemian		dynamite chem. tech.	662.2
brethren sects	284.3	military engineering	623.45112
<sup>4</sup> language	<b>491.86</b>	Bon Homme Richard	973.355
<sup>5</sup> literature	<b>891.86</b>	Bonaparte	
Bohemianism customs	394	Joseph in Spain	946.06
Bohlen lectures	239.04	Napoleon consulate	944.046
Böhme medieval philos.	189.5	empire	944.05



<sup>1</sup> Bonaventure co. Que. history	971.478
Bonbons cookery	641.85
<sup>1</sup> Bond co. Ill. history	977.387
<b>Bondage slavery</b>	<b>326</b>
Bonded warehouses arch.	725.14
Bonding elec. engineering	621.3334
<b>Bonds</b>	
and stocks	332.6
civil trials	347.91
criminal law	343
finance	336.31
insurance of	368.8
municipal	332.5
of brick work masonry	693.21
stone " "	693.11
public schools	379.13
<b>Bone</b>	
boiling air pollution	614.742
caves prehist. archeol.	571.81
<b>chemic composition</b>	<b>612.751</b>
engineering materials	620.199
fertilizers	631.852
histology	611.01841
implements archeology	571.52
<b>Bones</b>	
descriptiv anatomy	591.79
diseases of	616.71
<b>human anatomy</b>	<b>611.71</b>
musical instruments	789.4
of ear anatomy	611.857
paleontology	566
physiology	612.75
skeleton of animal	591.49
Bonghi, R. Italian essays	854.82
Bonn conference rel. hist.	284.8
Bonnets costume	391.4
toilet	646.54
<b>Bonus</b>	
efficiency pol. econ.	331.225
<b>Book</b>	
auction catalogs author	018.3
clast	017.3
dict'ry	019.3
auctions	655.56
binding <i>see</i> Binding	
buying lib. administrat.	025.22
cases library bildings	022.4
private libraries	645.63
catalogs author	018
clast	017
dictionary	019
publishers	015
subject	017
clubs self-culture	374.22

<b>Book</b>	
<b>collecting</b>	<b>025.2</b>
collectors biograpy	920.1
fees library economy	024.22
furniture, special	022.93
holders lib. fittings	022.934
office equip.	651
<b>illustration</b>	
inserted plates	096
printing	655.32
publishing	655.53
keeping accounts	657
library	025.114
lifts " econ.	022.945
<b>making typograpy</b>	<b>655</b>
numbers lib. admin.	025.8
of common prayer episc.	264.03
ownership rarities	097
plates library economy	025.253
rarities	097
theft by readers	024.83
<b>rarities</b>	<b>090</b>
rejection lib. economy	025.217
stacks library bldgs	022.43
thefts " abuses	024.86
trade business	655.5
history	655.4
trucks lib. economy	022.942
worm " "	025.8
Bookmarks laborsavers	029.2
<b>Books</b>	
and reading, prof'ships of	028.6
<b>bibliograpy</b>	<b>010</b>
censorship lib. rejection	025.217
" restriction	024.674
prohibition	098
chaind lib. econ.	025.8
classification of lib. econ.	025.4
cleaning " admin.	025.7
commonplace " econ.	029.4
condemd to be burnt	098
enemies of lib. economy	025.8
extra special privileges	024.71
guides to selection	028
<b>library economy</b>	<b>020</b>
lists of best subj. bib.	016
mending " admin.	025.7
new for rent lib. econ.	024.78
library bookbuying	025.221
number borrowable	024.61
of prints	769
old lib. bookbuying	025.223
prayer	264
preservation of lib. econ.	025.9

Books			<sup>1</sup> Borneo	history	991.1
privately printed rarities	094			travel	919.11
lib. gifts	025.227		Bornier, H: de	Fr. drama	842.85
prohibited	098		Boron	inorg. chem.	546.27
propagandist lib. gifts	025.227		Borough	Eng. loc. gov.	352.0422
reading and aids	028		<sup>1</sup> Bosnia	history	943.95
reference lib. admin.	025.5		Bosphorus	travels	914.96
relending by borrower	024.65		Boss	Amer. politics	329
repairing lib. admin.	025.7		Bosses	geology	551.88
restricted lib. economy	024.67		Boston		
selection of " admin.	025.21		<sup>1</sup> Mass.	history	974.46
selectors of " economy	025.214			travel	917.446
sizes of " "	025.3			massacre Amer. revol.	973.3113
tariff on " "	021.861			port bill " "	973.3116
weight of " "	022.438			schools, public	379.7446
withdrawal " "	025.218			siege Amer. revol.	973.3313
Bookseller, library as	021.26			statistics	317.446
Booksellers				tea party Amer. revol.	973.3115
catalogs	author	018.4		other subjects see table 1	
	clast	017.4	Botanic		
	dictionary	019.4	chemistry		581.1
lives	biografy	920.4	gardens	architecture	727.5
Bookselling	publishing	655.5		botany	580.7
Boomerang	wepons	399		museums	589.7
Boone co.			Botanists	biografy	925.8
<sup>1</sup> Ill.	history	977.329	Botany		580
<sup>1</sup> Ind.	"	977.254	agricultural		630
<sup>1</sup> Ia.	"	977.754	classification of		580.1
<sup>1</sup> Mo.	"	977.829	fossil		561
<sup>1</sup> W. Va.	"	975.439	geografic distribution		581.9
Boosters	elec. eng.	621.31328	medical		615
Bootmaking		685	of Bible		220.858
Boots, tight	hygiene	613.484	structural		581
Booty	law	341.3	systematic		580
Boragineæ	botany	583.77	Botero, Giovanni	It. essays	854.48
Borates	mineralogy	549.73	Botin, A. af	Swed. misc.	839.7847
Borch, Ole	Dan. misc.	839.883	Böttiger, K: V.	" poet.	839.7168
<sup>1</sup> Bordeaux	history	944.71	Bottle charts	physiografy	551.47
	travels	914.471	Bottom		
Border ballads, Scottish			inner shipbilding		623.84
	Eng. poetry	821	of ocean	botany	581.92
	ruffians Kan. hist.	978.1		phys. geog.	551.46
	U. S. "	973.66		zoology	591.92
Bording, Anders	Dan. poet.	839.8132	<sup>1</sup> Bouches du Rhône	Fr. hist.	944.91
Bore, gun	ordnance	623.4235	Bouchet, Guillaume	Fr. fic.	843.35
Bores	social ethics	177	Boulders	drift	551.33
Borghini, V.	Ital. essays	854.43	Boundaries		
Boring machinery		621.945	law		347.2
	min. eng.	622.24	national	foren relations	327
Börjesson, J.	Swed. dram.	839.7261		internat. law	341
Börk, Isak	" "	839.723		political sci.	320.128
Born, B. de	Provenç. poet.	849.126	Boundary		
Borneill, G. de	" "	849.128	Mexican	U. S. history	973.621
			Northeast	" "	973.58

- Boundary  
 N. W. Oreg. U. S. history 973.611  
   San Juan " " 973.82  
 Texas " " 973.621  
 Venezuela " " 973.87
- Bounties army 355.2  
   protection 337.4  
   U. S. army 353.6  
     " civil war 973.7413  
   wage scales 331.225
- "Bounty" mutiny, 1789  
   Pitcairn's island 997
- Bouquet's exped. U.S. hist. 973.27
- <sup>1</sup>Bourbonnais, France hist. 944.57
- Bourbons  
   **French** history 944.03  
     restoration 944.06  
   Spain history 946.054  
     restoration 946.07
- Bourgeoisie soc. classes 323.32
- Boursa, Turkey trav. 915.61
- Boursault, E. Fr. drama 842.44
- Bourse stock exchange 332.6
- Bovine vaccin. cont. dis. 614.4731
- Bowen, Francis Am. philos. 191.7
- Bowling  
   alleys architecture 725.84  
     library buildings 022.665  
   amusements 796
- Box girder bridges 624.4
- Boxer  
   ship U. S. war of 1812 973.5253  
   uprising Chinese hist. 951
- Boxes  
   axle railway engin'g 625.21  
   elec. motor cars 621.3347  
   resistance 621.3742
- Boxing athletics 796
- Boy problem childstudy 136.77  
   scouts societies 369.43
- Boycotting labor strikes 331.893
- Boye, C. J. Dan. drama 839.8261
- Boyle lectures apologetics 239.02
- Boys  
   childstudy 136.77  
   dept **Y. M. C. A.** 267.357  
   religious societies 267.7  
   societies sociology 369.42
- Bracciolini, F. Ital. satire 857.52
- Bracelets jewelry 391.7
- Braces boiler engin'g 621.18452  
   carpentry 694.3  
   railway track 625.15
- Brachial  
   artery anatomy 611.1342  
   plexus " 611.8334
- Brachialis muscle " 611.73723
- Brachiopoda paleontology 564.8  
   zoology 594.8
- Brachvogel, A. E. Ger. dra. 832.83
- Brachygra y** shorthand 653
- Bracing engineering 624.3
- Brackenridge, H.H.: Am.fict. 813.21
- Braddock's defeat U.S.hist. 973.26
- <sup>1</sup>Bradford co. Pa. history 974.857
- Bradstreet, Anne Am.poet. 811.12
- Brahe, Tyge Dan. misc. 839.883
- Brahmanism 294
- Brahmans biography 922.94
- Brahmo Somaj Ind. relig. 299.11
- Braiding elem. educat. 372.55
- Braille system printing 655.38
- Brain  
   anatomy 611.81  
   functional diseases of 616.84  
   mental derangements 132  
     physiology 131  
   morfology 612.823  
   physiology 612.82  
   structural diseases of 616.83  
   weight physiology 612.823
- Braising cookery 641.72
- Brakes  
   electric motor cars 621.3347  
   gun mounts 623.4356  
   railroad engineering 625.25  
   shaft power transmis. 621.826
- Braking  
   electric motor cars 621.3347  
   gun mounts 623.573
- Branch  
<sup>1</sup> co. Mich. history 977.421  
   libraries library bldgs 022.15  
     " extens. 021.62
- Branchial respirat. animals 591.125
- <sup>1</sup>Brandenburg, Ger. history 943.15  
   travels 914.315
- Brandes, Georg Dan. essays 839.8466
- Brandt, Geraert Dut. poet. 839.3136
- Brandt's hydraulic gun 621.269
- Brandy  
   hygiene 613.81  
   manufacture 663.5  
   physiologic psychology 612.82144  
   physiology 612.3931  
   stimulant 615.711  
   temperance 178

Brandywine, battle	973.3336	Breeching tackle	ord.	623.4362
Brant		Breechloading		
Joseph Amer. revol.	973.3345	guns ordnance		623.4222
Sebastian German satire	837.32	small arms manufac.		683
<sup>1</sup> Brant co. Ont. history	971.347	mil. efficiency		623.442
<sup>1</sup> Brantford, Ont. "	971.348	Breeding	agriculture	636
<b>Brass instruments music</b>	<b>788</b>		zoology	591.56
manufacture	673	Brehon laws	Irish law	349.415
Brasses, monumental		Brekfast	cookery	641.52
ecclesiology	247.3		foods	641.3
sculpture	739		meals	642.1
Braun, V.A.D. von Swed. sat.	839.7764	<sup>1</sup> Bremen, Germany	hist.	943.52
Bravery ethics	179.6		travel	914.352
<sup>1</sup> Braxton co. W. Va. hist.	975.466	Bremer		
<b>Brazil administration</b>	<b>354.81</b>	Fredrika Swed. fiction		839.7363
botany	581.981	<sup>1</sup> Bremer co. Ia. history		977.734
finance	336.81	magnetite arcs		621.3256
geology	558.1	Brentano, C. Ger. fiction		833.72
<sup>1</sup> history	981	Bresciani, A. Ital. fiction		853.75
maps	912.81	<sup>1</sup> Breslau	history	943.14
schools, public	379.81		travel	914.314
statistics	318.1	Brest		
travel	918.1	anatomy		611.69
treaties	341.281	bone anatomy		611.713
other topics see table 1		diseases of women		618.19
Brazing	plumbing	wheels engineering		621.223
Breach of promis	law	hydraulics		532.84
Breaches		Brethren, United sects		284.6
defense of	mil. eng.	bretón de los Herreros, M.		
of disciplin	mil. sci.	Spanish drama		862.53
honor	" "	<sup>4</sup> Breton	language	491.68
Breaching	" eng.	<sup>5</sup>	literature	891.68
Bread, <i>see</i> Bred		Breves spinae	anatomy	611.7317
Breakbone fever	diseases	Breviaries	Greek church	264.019
Breakers			Roman cath.	264.02
circuit elec. engin'g		Brewd		
breakfast, <i>see</i> Brekfast		beverages	adulterations	614.343
breaking up, school			chemic tech.	663.3
breakwaters harbor eng.		Breweries	architecture	725.42
breast, <i>see</i> Brest		Brewing	air pollution	614.731
<b>Breathing animals</b>	<b>591.12</b>		chemic tech.	663.3
man	612.2	Briar creek	Amer. revol.	973.3357
Breathings	Greek lang.	Bribery	criminal law	343
<sup>1</sup> Brecknock, Wales	history		electoral fraud	324.271
Bred			legislativ abuses	328.367
adulterations		Bricabrac		739
and-cheese war, 1491 Neth.		Brick		
as food physiology		and hollow tile floors arch.		721.63
cookery		iron ceilings "		721.73
Bredero, G.A. Dutch dram.		structures "		721.97
Bredstuffs	production	bilding material		691.4
Bredwinning courses	educ.	bildings, library		022.21
Breech mechanism	ord.	city houses, detach		728.38
		party-wall		728.32

- Brick  
 city houses. semidetach 728.35  
 clays economic geol. 553.61  
**construction masonry** 693.2  
 manufacture 666.7  
 piers 721.34  
 road engineering 625.82  
 strength of materials 620.14  
 sun-dried masonry 693.22  
 village-houses architect. 728.63  
 walls " 721.24  
 work, bonds of masonry 693.21  
 works architecture 725.48
- Bridal customs 392.5
- Bridge bilding** 624  
 duplex telegrafy 621.382325  
 material mil. eng. 623.66  
 Wheatstone engin'g 621.3742  
     physics 537.7
- Bridges administration 351.815  
**engineering** 624  
 local government 352.7  
**military eng.** 623.65
- <sup>1</sup>Bridgeton, N. J. hist. 974.995
- Bridgewater treatises 215
- Bridging telephone lines 621.38523
- Brief longhand abbrevia. 653.2
- Brigandage crim. law 343
- Brigands law 343  
 lives 923.41
- <sup>1</sup>Brighton, Eng. history 942.25  
 travel 914.225
- Bright's disease of kidneys 616.61
- Brine system refrig. 621.5651
- Brink, R. C. B. van den  
 Dutch essays 839.3452
- Bristletails insects 595.71  
 pests 648.7
- Bristoe campain 973.7353
- Bristol  
<sup>1</sup> co. England history 942.41  
<sup>1</sup> Mass. " 974.48  
<sup>1</sup> R. I. " 974.55
- Britishisms philology 427
- British  
<sup>1</sup> America history 971  
 army 354.426  
 barrows prehist. arch. 571.92  
<sup>1</sup> Burma history 959.1  
 travels 915.91  
**colonies polit. sci.** 325  
<sup>1</sup> Columbia history 971.1  
 constitution 342.42  
<sup>1</sup> East Africa history 967.6
- British  
<sup>1</sup> empire history 942  
 Guiana boundary  
     U.S. hist. 973.87  
<sup>1</sup> history 988  
 travel 918.8  
<sup>1</sup> Honduras history 972.82  
<sup>1</sup> India history 954  
 travel 915.4  
 museum library 027.542  
 navy 354.427  
 N. America act Can. hist. 971.049  
**philosofers** 192  
 regime Canada history 971  
 statutes 346
- Britons history 942
- <sup>1</sup>Brittany, France history 944.1
- Broad church Anglican ch. 283  
 ligament anat. 611.6672
- Broadsides lib. admin. 025.174
- Broca's  
 area anatomy 611.8133  
 convolutions " 611.81311
- Brochmand, J. Dan. misc. 839.883
- Brockes, B. H.; Ger. poet. 831.57
- Broiling cookery 641.76
- Brokerage law 347.7
- <sup>1</sup>Brome co. Que. history 971.464
- Bromeliaceæ botany 584.22
- Bromids hypnotics 615.782
- Bromin  
 compounds mineralogy 549.4  
 inorganic chemistry 546.14
- Bronchi anatomy 611.233  
 physiology 612.2151
- Bronchial arteries anat. 611.1355
- Bronchitis diseases 616.23
- Brontë, C. Eng. fiction 823.81
- <sup>1</sup>Bronx co. N. Y. history 974.7275
- Bronze  
 age prehist. archeology 571.3  
 fine arts 739  
 manufactures 673  
 remains prehist. arch. 571.34
- Brook Farm socialism 335.97
- <sup>1</sup>Brooke co. W. Va. hist. 975.413
- <sup>1</sup>Brooklyn, N. Y. history 974.723  
 travels 917.4723
- Brooks assault on Sumner 973.7114
- <sup>1</sup>Broome co. N. Y. history 974.775
- Brooms domestic econ. 648.52
- Brorson, H. A. Dan. poet. 839.8144
- Brothels ethics 176.5

- Brotherhoods monks** 271  
     parish work 255  
 Brothers, Christian monks 271.78  
 Brougham, H: Eng. essays 824.74  
 Brown, C: B. Am. fiction 813.23  
     Thomas Eng. humor 827.46  
**Brown**  
   <sup>1</sup> co. Ill. history 977.347  
     travels 917.7347  
   <sup>1</sup> Ind. history 977.225  
   <sup>1</sup> O. history 977.1796  
   <sup>1</sup> Wis. history 977.561  
     coal economic geology 553.22  
 Browne, C: F. (Artemus Ward)  
     Amer. humor 817.37  
**Brownian motion**  
     molecular physics 539.6  
 Brownies folklore 398.4  
 Browning, E.. B. Eng. poet. 821.82  
     Robert " " 821.83  
 Brownists sects 285.8  
 Brown's, John, raid  
     causes of U. S. civ. war 973.7116  
     history of slavery 326.973  
     U. S. history 973.68  
     Virginia " 975.5  
 Brownson, O. A. Am. phil. 191.2  
<sup>1</sup>Bruce co. Ont. history 971.321  
 Brueys, D: A. de Fr. dram. 842.46  
 Brumaire French history 944.045  
 Bruniaceæ botany 583.396  
 Brünner's glands anat. 611.342  
**Brunswick**  
   <sup>1</sup> Germany history 943.54  
     house of Eng. history 942.08  
 Brusa, Turkey trav. 915.61  
<sup>1</sup>Brussels history 949.3  
     travel 914.93  
 Brutes, immortality of 591.51  
 Bruun, J. N. Dan. drama 839.8252  
     M. K. " poetry 839.8158  
     T. K. " satire 839.8753  
 Bryant, W: C. Am. poetry 811.33  
 Bryology botany 588.2  
**Bryophyta botany** 588  
 Bryozoa molluscoidea 594.7  
**Bubble**  
     Mississippi Fr. finance 336.44  
     South sea stocks " 332.6  
 Bubonic plague pub. helth 614.49  
**Buccal**  
     cavity anatomy 611.31  
     physiol. 612.31  
         of speech 612.7891  
**Buccal**  
     muscles anat. 611.7326  
     pharynx " 611.3272  
     tonsil " 611.325  
**Buccaneers adventures** 910.4  
     biograpy 923.41  
     law 343  
**Buccinator muscle anat.** 611.7326  
 Buchanan, J. presidency of 973.68  
<sup>1</sup>Buchanan co. Ia. history 977.738  
   <sup>1</sup> Mo. " 977.813  
<sup>1</sup>Bucharest history 949.8  
     travel 914.98  
 Buchholtz, A. H. Ger. fic. 833.51  
 Bucket conveyers mech.eng. 621.8676  
**Buckets**  
     mining engineering 622.68  
     steam turbin construc. 621.16532  
         theory 621.16512  
<sup>1</sup>Buckingham, Eng. hist. 942.57  
<sup>1</sup>Bucks co. Pa. history 974.821  
 Buckshot war Penn. hist. 974.8  
<sup>5</sup>Bucolic poetry Eng. lit. 821.06  
<sup>1</sup>Buda Pesth history 943.91  
**Buddhism** 294  
**Buddhist architecture** 722.4  
     cookery 641.567  
**Buddhists biograpy** 922.94  
 Budget, E. Eng. essays 824.54  
 Budget English finance 336.42  
     financ. adminis. 351.72  
**Buena Vista**  
     battle Mex. war 973.6235  
   <sup>1</sup> co. Ia. history 977.718  
<sup>1</sup>Buenos Ayres history 982  
     travels 918.2  
**Buffalo,**  
   <sup>1</sup> city N. Y. history 974.797  
     Panamer. expos. 606  
     travels 917.4797  
   <sup>1</sup> co. Wis. history 977.548  
**Buffalo' zoology** 599.7  
**Buffers railroad engin'g** 625.25  
**Buffet cars trav. cookery** 641.576  
**Buffets fixt furniture** 729.94  
**Bugle, key wind instru.** 788.46  
     valv " " 788.47  
**Bugs rhynchota** 595.75  
 Büheler, H. Ger. poetry 831.34  
**Buhlwork** 749  
**Building, see Bilding**  
**Built-up guns ordnance** 623.4216  
<sup>1</sup>Bukowina history 943.75  
**Bulbo-urethral glands anat.** 611.627

- Bulbs edible 635.2  
 horticulture 716.1  
 Bulbus olfactorius anat. 611.8133  
 vestibuli " 611.675  
<sup>1</sup>Bulgaria history 949.7  
<sup>4</sup> language 491.81  
 Bulkheads shipbuilding 623.84  
 Bull  
 fights amusements 791  
 ethics 175.6  
 Golden Germany 342.43  
 Run 1st battle 973.7314  
 2d " 973.7328  
 Bulletin boards lib. econ. 022.924  
 Bulletins lib. publications 025.125  
 Bullets ordnance 623.451  
 small arms 623.455  
 Bullion coins and coinage 332.4  
 Bulls and bears stock ex. 332.6  
 Ferry, N.Y. Am. revol. 973.3365  
 Irish Eng. humor 827  
 papal eccles. polity 262.8  
 Rom. ch. 282  
 Bullying student life 371.82  
 Bulwer, E. G. Eng. fiction 823.84  
 Bumping posts railrd eng. 625.16  
 Bundesrat Ger. empire 354.4304  
 Bundestaat pol. sci. 321.021  
 Bundling customs 392.4  
 Bunker hill  
 battle Amer. revol. 973.3312  
 monument " " 973.366  
 landscape arch. 718  
 Bunsen burners prac. chem. 542.44  
 pump pneumatics 533.5  
 Bunyan, John Eng. fiction 823.42  
 Buonarroti, M. Ital. dram. 852.51  
 Buoys harbor engin'g 627.9  
 protection of life 614.865  
 ship equipment 623.86  
 Burchiello, D. Ital. satire 857.21  
 Burdach's tract anat. 611.8261  
 Burdette, R. J. Am. hum. 817.43  
<sup>1</sup>Bureau co. Ill. history 977.337  
 Bureaucracy administra. 351.1  
 Bureaus  
 architecture 725.13  
 cabinet making 684  
 college employment 378.37  
 servants " 647.2  
 teachers 371.145  
 Y M C A employment 267.3562  
 Burets practical chem. 542.35  
 Bürger, G. A. Ger. poetry 831.63  
 Bürger schools, German 379.43  
 Burglar alarms signals 654.7  
 Burglary criminal law 343  
 Burgoyne's  
 campaign Am. rev. 973.3332  
 surrender " 973.3333  
<sup>1</sup>Burgundy, France history 944.4  
 Burial  
 cemeteries 719  
 church rituals 265.8  
 customs 393.1  
 public helth 614.61  
 societies, cooperation 334.8  
 Burke, E. Eng. oratory 825.62  
 Burking criminal law 343  
<sup>5</sup>Burlesque Eng. litera. 827  
<sup>1</sup>Burlington, Ia. hist. 977.7961  
<sup>1</sup> co. N. J. " 974.961  
<sup>1</sup>Burmah history 959.2  
<sup>1</sup> British " 959.1  
 Burmanniaceæ botany 584.13  
 Burmese architecture 722.4  
 Burners for liquid fuel  
 steam engineering 621.18357  
 Burnett, F. H. Am. fiction 813.48  
<sup>1</sup> co. Wis. history 977.514  
 Burney, Frances Eng. fic. 823.66  
 Burning  
 glass optics 535.81  
 of libraries 022.26  
 the ded customs 393.2  
 turf fertilizers 631.831  
 Burnings customs of war 399  
 student life 371.89  
 Burns, R. Eng. poetry 821.67  
 Burns and scalds surgery 617.11  
 Burnside exped. U.S. hist. 973.7324  
**Burnz shorthand 653.64**  
 Burr, Aaron, conspiracy  
 trials 343.1  
 U. S. hist. 973.48  
 Burroughs, J. Am. essays 814.41  
**Bursæ anatomy 611.75**  
 diseases of 616.76  
 Burseraceæ botany 583.247  
 Burying grounds cemetery 719  
 pub. helth 614.65  
 Bush  
 fruits agriculture 634.7  
 Business  
 arithmetics 511.8  
 bildings architecture 725.2  
 capacity college train'g 378.01  
 colleges 650.7

Business			
<b>commerce</b>	<b>sociology</b>	<b>380</b>	
<b>cooperation</b>		<b>334</b>	
<b>ethics</b>		<b>174</b>	
law		347.6	
manuals		658	
methods		658	
schools		650.7	
Butchershops		641.4	
<sup>1</sup> Bute, Scotland	history	941.39	
Butler			
Samuel	Eng. humor	827.42	
<sup>1</sup> Butler co. Ia.	history	977.729	
<sup>1</sup>	Mo.	977.893	
<sup>1</sup>	O.	977.175	
<sup>1</sup>	Pa.	974.891	
Butlers	dom. econ.	647.25	
	pantry " "	643.45	
<sup>1</sup> Butte co. Cal.	hist.	979.432	
Butter			
adulterations		614.325	
artificial	chem. tech.	664.3	
as food	physiology	612.39286	
dairy		637	
in milk	physiology	612.66413	
Butterflies	fossils	565.78	
	zoology	595.78	
Buttermilk	adulterations	614.324	
Buttons	manufactures	679	
Bylaws	lib. government	023.1	
Byles, Mather	Am. satire	817.13	
Byron, G:G. N.	Eng. poet.	821.76	
Byssacæ	botany	589.19	
Byzantine			
architecture		723.2	
art		709.495	
ecclesiology		246.1	
<sup>1</sup> empire	history	949.5	
Cabal, Conway	Am. revol.	973.349	
<b>Cabalistic art</b>		<b>133</b>	
<sup>1</sup> Cabell co. W. Va.	history	975.442	
Cabin			
aviation		629.182	
ballooning		629.162	
furnishings	shipbuilding	623.86	
Cabinet			
council, English		354.4205	
making		684	
officers in legis. bodies		328.3321	
U. S. gov't		353.05	
organ	musical instrum	786.9	
work	joinery	694.7	
Cabinets	museum equip.	579.71	
Cable roads	city transit	388	
	road eng'ng	625.5	
Cablelaying ships		623.828	
Cables			
bridgebuilding		624.55	
electric engineering		621.31934	
manufactures		677	
ship outfit		623.86	
strength of materials		620.11288	
submarine	communica.	654.5	
	engineering	621.3828	
telephone		621.38783	
telegraf	business	654	
	engineering	621.3828	
	sociology	384	
Cabot, John & Sebastian			
discovery of America		973.17	
Cabs	city transit	388	
	manufactures	684	
<sup>1</sup> Cabul, Afghanistan	hist.	958.1	
	trav.	915.81	
Cachet, lettres de	Fr. hist.	944.03	
Cactæ	botany	583.471	
Cadalso, J. de	Span. poetry	861.42	
Cadastration	taxation	336.22	
Caddice flies	zoology	595.74	
Cadets	military schools	355.07	
<sup>1</sup> Cadiz	history	946.8	
	travels	914.68	
Cadmium			
accumulators	elec. eng.	621.35558	
inorganic chem.		546.48	
Cædmon	Ang. Sax. poet.	829.2	
<sup>1</sup> Caen	history	944.22	
	travels	914.422	
Caesar	Latin literature	878.1	
Caesarian section	obstetrics	618.86	
Caesars	lives	923.137	
	<b>Roman history</b>	<b>937</b>	



Caesium	inorg. chem.	546.36	Calderon de la Barca, P.	862.35
Cafés	architecture	725.71	<sup>1</sup> Caldwell co. Mo. history	977.8185
	cooking for	641.572	<sup>1</sup> Caledonia history	941
	table systems	642.5	<sup>1</sup> co. Vt "	974.33
Cafeteria	"	642.57	<b>Calendar</b>	529
Caffein	diuretics	615.761	ecclesiastic, Anglic.	264.031
	hygiene	613.83	Calendars for teachers	370.59
Caffres	history	968.6	Calendering paper manuf.	676
Cage birds	domestic pets	636.6	textil fabrics	677
Cages	mining eng.	622.68	Calhoun, J: C. Am. orat.	815.26
Cailletet apparatus	chem.	542.79	Calhotin	
Cairns	prehist. archeology	571.96	<sup>1</sup> co. Ill. history	977.385
<sup>1</sup> Cairo, Egypt	history	962.1	travels	917.7385
	travels	916.21	<sup>1</sup> Ia. history	977.743
<sup>1</sup> Ill. history		977.3999	<sup>1</sup> Mich. "	977.422
Caisson			<sup>1</sup> W. Va. "	975.429
disease	physiology	612.274	Calibrated	
ordnance		623.4314	vessels	prac. chem. 542.35
process	bridge engin'g	624.157	Calibration elec. instrum.	621.372
workers	hygiene	613.66	instrum. mak'g	681
<sup>1</sup> Caithness, Scotland	hist.	941.13	Calico manufactures	677
Cake	cookery	641.6	printing chem. tech.	667.3
<sup>1</sup> Calabria, Italy	hist.	945.78	<sup>1</sup> California, Lower hist.	972.2
	trav.	914.578	California, U. S.	
<sup>1</sup> Calais	history	944.27	acquisition	Mex. war 973.621
	travels	914.427	admission	U. S. hist. 973.64
Calamus scriptorius	anat.	611.8185	Fremont in	Mex. war 973.6232
<sup>1</sup> Calaveras co. Cal.	hist.	979.444	<sup>1</sup> history	979.4
Calcaneoastragaloid lig.	anat.	611.72851	mil. hist.	U. S. civ. war 973.7494
Calcaneocuboid	" "	611.72853	Spanish war	973.89494
Calcaneonavicular	" "	611.72851	travels	917.94
Calcaneoscaphoid	" "	611.72851	Califs	Mohammedanism 297
Calcaneum	" "	611.71873	Caligrafas	writing mach. 652
Calcarin fissure	" "	611.81317	Caligrafy	writing 652
Calcic waters	econ. geol.	553.75	Calisthenics	hygiene 613.71
Calcimining		698.2		sch. hygiene 371.732
Calcium			Calkt joints	plumbing 696.6
cyanid	fertilizers	631.8421	Call apparatus, in telephone	621.3867
inorganic chemistry		546.41	out	" 621.3868
light	chemic tech.	665.7	<sup>1</sup> Callaway co. Mo. history	977.8335
salts as food	physiol.	612.39263	Callimachus	Gk lyr. poetry 884.8
Calculating machines		510.8	Callosal gyre	anatomy 611.81314
Calculations	engin'g	620.8	Callosomarginal fissure	" 611.81314
Calculators	mathematics	510.8	Callosum	anatomy 611.8139
Calculi			Calmucks	history 950
biliary	physiology	612.35764	Caloric	engins 621.41
salivary	"	612.31364		physics 536
urinary	"	612.4661	Calorimeter	" 536.6
Calculus			Calorimetry	
diseases		616.62	direct	physiology 612.511
mathematics		517	indirect	" 612.512
of direction	anal. geom.	516.8	physics	536.6
<sup>1</sup> Calcutta	history	954.1	Calotype	photografy 772
	travels	915.41	Calpurnius Siculus, Lat.	poet. 874.6

<sup>1</sup> Calumet co. Wis. history	977.566	Camp meetings	269
<sup>1</sup> Calvados, France "	944.22	<sup>1</sup> Campagna, Italy history	945.6
Calvaria anatomy	611.7141	travel	914.56
<sup>1</sup> Calvert co. Md. history	975.244	Campaigns	
Calvinism sects	284.2	political	329
vs free will theol.	234	U. S. history civil war	973.73
Calvinistic baptist church	286.1	Mex. "	973.623
confession	238.4	revolution	973.33
methodist ch.	287.2	Span. war	973.892
<b>Calvinists biography</b>	<b>922.4</b>	war 1812	973.523
Calycanthaceæ botany	583.113	<b>Campanales botany</b>	<b>583.57</b>
Calycereæ "	583.546	<sup>1</sup> Campania anc. history	937.7
<b>Calycineæ</b> "	<b>584.4</b>	<sup>1</sup> mod. "	945.72
Calycozoa zoology	593.74	Campanulaceæ botany	583.59
Cambistry metrology	389	Campbellism sects	289.2
money	332.45	Campbellites biography	922.82
<sup>1</sup> Cambodia history	959.6	<sup>1</sup> Campeche, Mexico hist.	972.6
Cambodian architecture	722.4	Campenon, F. N.; V.	841.66
<b>Cambria, Wales history</b>	<b>942.9</b>	Campfire girls societies	369.47
<sup>1</sup> co. Pa. "	974.877	Campfor therapeutics	615.789
Cambrian age geology	551.72	Camping out	796
<sup>1</sup> Cambridge, Eng. history	942.59	Cams mech. engineering	621.838
travels	914.259	Can system icemaking	621.581
univer.	378.42	<b>Canada administration</b>	<b>354.71</b>
<sup>1</sup> Mass. history	974.44	botany	581.971
travels	917.444	finance	336.71
confession	238.5	geology	557.1
platform	238.5	<sup>1</sup> history	971
Camden		maps	912.71
Ark. exped. U. S. civ. war	973.7363	schools, public	379.71
<sup>1</sup> city, N. J. hist.	974.988	statistics	317.1
<sup>1</sup> co. Mo. "	977.854	travels	917.1
<sup>1</sup> N. J. "	974.987	campaign Amer. revol.	973.3315
S. C. battle Am. revol.	973.3363	U. S. war 1812	973.5233
Camel domestic animals	636.9	discovery of America	973.18
zoology	599.7	<sup>1</sup> East history	971.4
Camels hair dom. econ.	646.13	travels	917.14
Cameos	736	<sup>1</sup> West history	971.3
Camera fotografia	771	travels	917.13
lucida microscopy	578.4	other topics see table 1	
optics	535.86	Canadian exped. Am. rev.	973.3315
obscura "	535.86	French	447.9
photografia	771	Canal boats shipblding	623.829
<b>Cameralistic science</b>	<b>336</b>	Canalicular nerv structures	
<sup>1</sup> Cameron co. Pa. history	974.866	histology	611.01882
Cameronians sects	285.5	Canaliculi, bile anatomy	611.361
Camfor therapeutics	615.789	Canals	
Camisards sects	284.244	engineering	626
Camouflets mil. eng.	623.45435	interoceanic engin'g	626.9
Camp cookery	641.578	transit sociology	386
disinfection cont. dis.	614.48	transportation	656
life hygiene	613.67	see also special names	
mil. science	355.12	Canary birds care of	636.6
lunches dom. econ.	642.3	zoology	598.8

- <sup>1</sup>Canary isles history 946.8  
 Cancer diseases 616.994  
 Cancioneros, Los Sp. poet. 861.25  
 Cand food pub. helth 614.318  
<sup>1</sup>Candahar history 958.2  
           travels 915.82  
 Candidacy suffrage 324.23  
 Candidates " 324.23  
 Candlepower elec. lighting 621.321  
 Candles chemic tech. 665.1  
           dom. lighting 644.311  
 Candlesticks dom. econ. 644.321  
 Candor ethics 177.3  
 Candy adulterations 614.311  
 Candymaking 641.85  
 Cane, sugar agriculture 633  
           botany 584.9  
 Canellaceæ " 583.137  
 Caney, El battle 973.893  
 Canister ordnance 623.45122  
 Canned food pub. helth 614.318  
 Cannel coal econ. geol. 553.23  
 Cannibalism war customs 399  
 Canning  
   fruits and veg. chem.tech. 664.8  
   meats and fish " 664.9  
 Cannon mil. engineering 623.4212  
 Canoes boatbilding 623.829  
           canoeing 797  
 Canon  
   law 348  
   music 781.5  
   of scripture 220.1  
 Canonization dogma 235  
 Canons, apostol. eccles. pol. 262.6  
           church 262.6  
 Cañons rivers 551.48  
   of Colorado river descr. 917.91  
 Canopy windows arch. dec. 729.83  
 Cant ethics 179.8  
<sup>1</sup>Cantal, France history 944.59  
 Cantata dramatic music 782.8  
           sacred " 783.4  
 Canterbury convocation 283.42  
 Cantharides animal pois. 615.94  
 Canthi anatomy 611.847  
 Canticles Bible 223.9  
 Cantilever bridges 624.35  
<sup>1</sup>Canton, China history 951.2  
           travels 915.12  
<sup>1</sup>          O. history 977.1621  
 Cantù, C. Italian fiction 853.76  
 Canvas roofing bilding 695.8  
 Canvass lib. propaganda 021.71  
 Canvassing bookselling 655.57  
 Canyons rivers 551.48  
           Colorado river 917.91  
 Caoutchouc org. chem. 547.24  
           rubber manuf. 678  
 Cap and gown acad. cost. 378.29  
 Capacelli Albergati, F. 852.63  
 Capacity  
   for knowing psych. 151  
   ship design 623.81  
   suffrage qualifications 324.14  
<sup>1</sup>Cape Breton co. N. S. hist. 971.695  
<sup>1</sup>          iland " 971.69  
<sup>1</sup>          travels 917.169  
<sup>1</sup>          Colony, Africa hist. 968.7  
<sup>1</sup>          Girardeau co. Mo. " 977.896  
<sup>1</sup>          May co. N. J. " 974.998  
<sup>1</sup>          of Good Hope " 968.7  
<sup>1</sup>          Verde ilands " 997  
                   trav. 919.7  
 Capet, Hugh Fr. history 944.021  
           house of " " 944.02  
 Capillaries  
   bile anatomy 611.361  
   blood " 611.15  
           pressure in physiol. 612.145  
   lymph anatomy 611.42  
 Capillary  
   analysis chemistry 544.92  
   attraction in plants 581.11  
           of liquids 532.6  
   circulation physiology 612.135  
**Capital and labor 331**  
   punishment law 343.2  
**Capitalists biography 923.3**  
<sup>3</sup>Capitalization Eng. lang. 421.9  
           securities 332.6  
 Capitation-tax 336.23  
 Capitatum, os anatomy 611.7177  
 Capitols architecture 725.11  
 Capon poultry 636.5  
<sup>1</sup>          Springs, W. Va. hist. 975.495  
 Caporali, C. Italian satire 857.43  
 Cappadocia ancient hist. 939.34  
 Capparideæ botany 583.131  
 Capponi, G. Ital. essays 854.75  
 Caprification secretions 591.145  
**Caprifoliaceæ botany 583.51**  
 Caps  
   indoor hedgear toilet 646.48  
   outdoor " " 646.5  
   percussion chem. tech. 662.4  
 Capstans mech. engin'g 621.864

- Capsular extract  
 physiol. effect 612.458
- Capsule of lens eye dis. 617.74  
 spleen anat. 611.418
- Capsules, suprarenal anat. 611.45  
 physiol. 612.45
- Captivs internat. law 341.3  
 war customs 399
- Captivities, indian 970.3
- Captivity military life 355.11  
 pris. disciplin 365
- Captures internat. law 341.3
- Capuana, Luigi Ital. fiction 853.83
- Capuchins religious hist. 271.74
- Caput gallinaginis anat. 611.6231
- Car  
 factories architecture 725.45  
 houses, R. R. " 725.33  
 wiring elec. traction 621.3345  
 . see also Cars
- Caravans transportation 656
- Caravels shipbuilding 623.8225
- Carbid arcs elec. lighting 621.3256
- Carbines manufacture 683  
 mil. efficiency 623.442
- Carbohydrates  
 chemistry of food 641.13  
 in blood physiol. 612.122  
 muscle " 612.74411  
 nutrition 612.396  
 quantity in food and tissue 612.3967
- Carbolic acid  
 disinfectants cont. dis. 614.485  
 materia medica 615.313
- Carbon  
 compounds air pollution 614.721  
 mat. med. 615.31  
 organ. chem 547
- <sup>1</sup> co. Pa. history 974.826
- filaments elec. lighting 621.3263
- group inorganic chem. 546.25
- in food physiol. 612.3921
- inorganic chemistry 546.26
- metabolism phys. chem. 612.01532
- process fotografy 773
- series economic geol. 553.2
- vapor lamps elec. light 621.3275
- Carbonari secret societies 366
- Carbonated waters hyg. 613.38
- Carbonates mineralogy 549.78
- Carbonic  
 acid air pollution 614.722  
 in asphyxiation 612.2324  
 in blood physiol. 612.1273
- Carbonic  
 acid in respira. physiol. 612.22311  
 muscular produc. 612.74422  
 refrig. machinery 621.574  
 toxicology 615.96  
 oxid air pollution 614.722  
 narcotic poisons 615.96
- Carboniferous age geol. 551.75  
 fossils 560
- Carbonous acid physiol. 612.234
- Carbons, arc light 621.3257
- Carborundum abrasivs 621.92
- Carboxyhemoglobin blood 612.11114
- Carburetted  
 air heating prac. chem. 542.44  
 hydrogen air pollution 614.722
- Carcano, Giulio Ital. fic. 853.77
- Card  
 catalog lib. admin. 025.3  
 playing amusements 795  
 ethics 175.5  
 system literary meth. 029.1
- Cardia anatomy 611.333
- Cardiac  
 contraction physiol. 612.171  
 cranial nervs, sup. anat. 611.831915  
 glands of stomach " 611.333  
 irritability physiology 612.172  
 muscle histology 611.01863  
 plexus anatomy 611.83917  
 sympathetic nervs  
 inferior anatomy 611.83917  
 middle " 611.83915  
 superior " 611.83914  
 valv closure physiology 612.1713  
 valvs anatomy 611.1263  
 veins anatomy 611.142
- Cardiff giant humbugs 133.7
- <sup>1</sup>Cardigan, Wales history 942.95
- Cardinal veins anatomy 611.144
- Cardinals ecclesias. polity 262.13  
 lives 922.2  
 Roman church 282
- Cardiografy physiology 612.1711
- Carducci, Giosuè Ital. poet 851.84
- Care of  
 accumulators elec. eng. 621.35418  
 animals animal hygiene 614.94  
 body hygiene 613.4  
 school hygiene 371.73  
 children dom. econ. 649.1  
 eyes hygiene 613.49  
 school hygiene 371.72  
 led accumulators 621.35518

Care of			Carpal bones	anatomy	611.7177	
person	customs	391.6	joints	"	611.7275	
	hygiene	613.49	Carpathos	ancient history	939.17	
	toilet	646.7	<sup>1</sup>	modern "	949.97	
<b>steam apparatus</b>		<b>621.193</b>	Carpenters	lib. econ.	023.773	
Carelius, Olof	Swed. poet	839.7141	<b>Carpentry</b>	<b>bilding</b>	<b>694</b>	
Cargo capacity	shipb'ld'g	623.81		stereotomy	515.82	
vessels	"	623.824	Carpets	designing	745	
Caria	ancient history	939.24		domestic econ.	645.1	
Caribbean sea	travels	917.29		hygiene	613.593	
	phys. geog.	551.463		library econ.	022.963	
<sup>1</sup> Caribbee islands	history	972.97		manufacture	677	
Caribou	zoology	599.7	Carpocratian heresy		273.1	
Caricature	drawing	741	Carpometacarpal joints		611.7276	
Carillon	music	789.5	<b>Carposporeae</b>	<b>algae</b>	<b>589.4</b>	
<sup>1</sup> Carinthia, Austria	hist.	943.66		<b>fungi</b>	<b>589.21</b>	
Carlén, Emilie	Swed. fic.	839.7365	<b>Carpus</b>	<b>anatomy</b>	<b>611.7177</b>	
Carleton, Will	Am. humor	817.45	Carrer, L.	Ital. poetry	851.76	
<sup>1</sup> Carleton co. N. B.	history	971.552	Carrera, V.	" drama	852.83	
<sup>1</sup>	Ont.	971.383	Carriage			
Carlist wars	Spanish hist.	946.07	and car factories	archit.	725.45	
Carlovingian cycle	legends	398.2	houses	architecture	728.94	
<sup>1</sup> Carlow, Ireland	history	941.88	making	mech. trades	684	
Carlson, F. F.	Swed. misc.	839.7864	Carriages, care of	gun	623.4813	
Carlyle, T:	Eng. essays	824.82	motor		629.2	
<sup>1</sup> Carmarthen, Wales	hist.	942.98	<b>ordnance</b>		<b>623.43</b>	
Carmelites	monks	271.73	Carrier pigeons	dom. birds	636.6	
	sisterhoods	271.971	Carriers			
<sup>1</sup> Carnarvon, Wales	hist.	942.92	cash	mech. engin'g	621.8679	
Carnations	horticulture	716.2	in irrigation	sanitary eng.	628.366	
Carneades	Gk philosophy	186.2	law		347.4	
Carnegie institution		378.32	mechanical	lib. econ.	022.944	
pension fund		371.17	<sup>1</sup> Carroll co. Ill.	history	977.334	
<sup>1</sup> Carniola, Austria	hist.	943.67		travels	917.7334	
Carnivora	mammals	599.7	<sup>1</sup>	Ind.	history	977.294
Carnivorous plants	botany	581.53	<sup>1</sup>	Ia.	"	977.746
Carnot, Sadi-	Fr. hist.	944.08	<sup>1</sup>	Md.	"	975.277
Carol	sacred music	783.6	<sup>1</sup>	Mo.	"	977.8225
Carolinas			<sup>1</sup>	N. H.	"	974.24
For military history, see subdivisions of Special campaigns and Military history under 975.3.			<sup>1</sup>	O.	"	977.167
973.52, 973.7 and 973.89			Cars			
Caroline, burning U. S.	hist.	973.57	aerostation	engin'g	629.162	
<sup>1</sup>	co. Md.	history	aviation	"	629.182	
<sup>1</sup>	islands	"	bilding		699	
Carolingians	Fr. hist.	944.01	disinfection	cont. dis.	614.48	
	Ger.	"	horse	engineering	625.6	
		943.021	motor	"	629.2	
Carotid			tram elec.	"	621.3343	
arteries	anatomy	611.133	railroad engineering		625.22	
gland	"	611.47	<sup>1</sup> Cartagena, Spain	history	946.7	
	physiology	612.495		travels	914.67	
nerv, external	anat.	611.83913	Cartels	law of war	341.3	
internal	"	611.83912	<sup>1</sup> Carter co. Mo.	history	977.889	
plexus, common	"	611.83914	Cartesianism	philos. syst.	144	

Carthage	anc. history	939.73	Castelein, M. de	Dut. poet.	839.3123
Carthaginian	architecture	722.3	Castellazzo, L.	Ital. fic.	853.81
<sup>4</sup>	language	492.6	Castelvetro, L.	" essays	854.41
	war Rom. hist.	937.04	Casti, G.	" satire	857.63
Carthusian monks		271.71	Castiglione, B.	" essays	854.33
Cartier, Jacques	disc. of Am.	973.18	<sup>1</sup> Castile, New, history		946.4
Cartilage	chem. compos.	612.7512	<sup>1</sup>	Old "	946.3
	histology	611.0183	Castillejo, C. de	Sp. poetry	861.32
Cartilages	anat.	611.72	Casting	foundries	671
	larynx "	611.221	Castles	architecture	728.81
Cartografy	maps, etc.	912	Castor and Pollux	mythol.	292
Cartoons		741		beans fertilizers	631.847
Cartridges	mil. science	623.4553	Castrametation	mil. sci.	355.5
Carvd decoration	archit.	729.5	Castration	physiology	612.6161
Carving	dining	642.6		surgery	617.46
	sculpture	736	Castro y Bélvis G. de		862.32
Caryophylleae	botany	583.152	Casts		730
Caryophyllineae	"	583.15	Casualties, protection from		
Casa, G. della	Ital. poetry	851.38		public helth	614.8
Casein	chemic tech.	668	Casuarineae	botany	583.975
	in milk physiol.	612.66414	Casuistry	ethics	171.6
	secretion "	612.66434	Catabaptists	sects	284.3
Casemate mounts	ordnance	623.4331	Catacombs	antiquities	913.37
Casemates	fortifications	623.123		cemeteries	719
Casements	"	623.1		symbols	246.5
Cases, book	lib. economy	022.4	<sup>4</sup> Catalan language		449.9
	English syntax	425.5	<sup>5</sup>	literature	849.9
	Greek "	485.5	Catalepsy		132.4
	Latin "	475.5	Catalog dep't	lib. econ.	025.3
<sup>3</sup>	other languages		Catalogers	" "	023.74
	law Amer. digests	345.5	Cataloging	" "	025.3
	reports	345.4		duplicates	025.263
	Eng. digests	346.5	Catalogs		
	reports	346.4		author	018
Cashew family	fruit	634.44		book publishers'	015
<sup>1</sup> Cashmere	history	954.6		college	378
Casing	steam boilers	621.18454		dictionary	019
	turbins	621.16538		library printing	025.124
Caspian sea	travels	914.78		of special authors	012
<sup>1</sup> Cass co. Ill.	history	977.346		countries	015
	travels	917.7346		instruments	681
<sup>1</sup>	Ind. history	977.286		subjects	016
<sup>1</sup>	Ia. "	977.772		pub. access to lib. econ.	024.54
<sup>1</sup>	Mich. "	977.412		star maps	524.8
<sup>1</sup>	Mo. "	977.842		stars	523.89
Cassi, F.	Ital. poetry	851.65		subject	017
Cassia tree	botany	583.32		trade, book	015
Cassinoid curv	anal. geom.	516.26		universal	011
Cast iron	bdg material	691.7	<sup>1</sup> Catalonia, Spain	history	946.7
	engin'g	620.17	Catalysis	chemistry	541.39
	structures arch.	721.91	Catalytic analysis	chem.	545.36
Castanets	musical instr.	789.4	Catamarans	boatblding	623.8212
Caste	ethics	177.5	Cataphoresis	electrotherapy	615.84
Castelar, E.	Sp. oratory	865.52			

Cataracts	eye diseases	617.74	Caucuses		
	physical geog.	551.48	legislativ procedure	328.3745	
Catarrh	diseases	616.205	Cauda equina	anatomy	611.8216
epidemic	"	616.203	Caudal artery	"	611.1363
Catarrhal affections of skin		616.52	Caudatum	"	611.81321
Catch	vocal music	784.1	Cauls	"	611.38
basins of sewers		628.255	Causality	philosofy	122
Catechetic method	educa.	371.35	Causation	"	122
<b>Catechisms</b>		<b>238</b>	Cause and effect	philos.	122
Catenary			Causes		
curv	physics	531.83	<b>Amer. revolution</b>	<b>973.311</b>	
suspension	elec. eng.	621.33223	contagious diseases	614.41	
Caterer	domestic econ.	641	final	philosofy	124
Caterpillars			<b>U. S. civil war</b>	<b>973.711</b>	
agricultural pests		632	war of 1812	973.521	
economic zoology		591.69	with Mexico	973.621	
systematic	"	595.78	Spain	973.891	
Cathari	persecutions	272.4	Caustic potassa	therap.	615.775
sects		284.4	Cavalca, D.	Ital. essays	854.11
Catharine 1	Russian hist.	947.06	Cavalcanti, G.	" poetry	851.14
2	" "	947.06	Cavallotti, F.	" drama	852.85
<b>Cathartics therapeutics</b>		<b>615.732</b>	<b>Cavalry military science</b>	<b>357</b>	
<sup>1</sup> Cathay	history	951	U. S. civ. war	973.7417	
travels		915.1	<sup>1</sup> Cavan, Ireland	history	941.69
Cathedral			Cavatina	music	784.2
canons	eccles. polity	262.3	Cave men	prehis. archeol.	571.12
schools	education	377.4	temples	Ind. archi.	722.4
servises, musical		<b>783.2</b>	Cavernous plexus	anat.	611.83912
system	eccles. polity	262.3	Caves	geology	551.44
Cathedrals	architecture	726.6	natural dwellings		571.81
Catholic apostolic church		289.5	Cavour	Ital. history	945.09
biog.		922.85	<sup>1</sup> Cawnpore, India	"	954.2
authors	bibliog.	013.282	<sup>1</sup> Cayenne island	"	988
church		<b>282</b>	<sup>1</sup> Cayuga co. N. Y.	history	974.768
epistles	Bible	227.9	indians		970.3
Catholicism & protestantism		282	Cecal digestion	physiol.	612.363
<b>Catholics biograpy</b>		<b>922.2</b>	Cecchi, G. M.	Ital. drama	852.43
Cato, Valerius	Lat. satire	877.2	<sup>1</sup> Cecil co. Md.	history	975.238
Cats, Jacob	Dutch poetry	839.3131	Cecum	anatomy	611.347
Cats	domestic animals	636.8	Cedar chests, etc.		648.7
zoology		599.7	<sup>1</sup> co. Ia.	history	977.766
diseases of	medicin	619.8	<sup>1</sup> Mo	"	977.874
Catskill formation	geol.	551.74	ck, Va.	U.S.civ.war	973.7377
<sup>1</sup> Catskills, N. Y.	history	974.738	mt. Va.	" "	973.7328
travels		917.4738	<sup>1</sup> Rapids, Ia.	history	977.7621
<sup>1</sup> Cattaraugus co. N. Y.	hist.	974.794	run, Va.	U.S.civ.war	973.7328
Cattle		636.2	Ceiling lights	dom. econ.	644.326
diseases, cont.	hygiene	614.91	Ceilings		
veterinary med.		619.2	architecture		721.7
gards	railway engin'g	625.16	carvd	arch. decoration	729.58
markets	architecture	725.27	mosaic	" "	729.71
Catullus	Lat. lyric poetry	874.2	painted	" "	729.48
<sup>1</sup> Caucasia	history	947.9	vaulted	architecture	721.4
Caucus	primary suffrage	324.235	Celastrales	botany	583.27

Celastrineæ botany	583.271	Celts	French history	944.01
<sup>1</sup> Celebes history	991.2		stone archeol.	571.25
Celebrations		Cements		
invention of printing	655.12	building materials		691.5
military	355.16	engineering "		620.136
student life	371.89	manufacture		666.9
U. S. history		mineral econ. geol.		553.68
civil war	973.76	practical chemistry		542.26
Mex. "	973.626	steam engineering		621.1857
revolution	973.36	Cementum, diseases of		617.62
Span. war	973.896	Cemeteries		
war of 1812	973.526	earth burial		393.1
Celery agriculture	635.5	effect on helth		614.65
Celestial dynamics	521.1	landscape gardening		719
sphere	522.71	public helth		614.61
Celestina Spanish fict.	863.23	Cemetery chapels architect.		726.8
Celiac axis anat.	611.1364	Cenozoic period geol.		551.78
Celibacy ethics	176.2	Censors sacred vessels		247.9
hygiene	613.89	Censorship of		
of clergy	254	press journalism		070.13
Celiotomy surgery	617.55	pol. sci.		323
Cell		state control		351.751
houses- prison architect.	725.62	Censuses statistics		310
ilets, interalveolar anat.	611.377	Centenarians physiology		612.68
masses, intertubular "	611.377	Centennial		
structure histology	611.0181	celebrations see subject		
Cellar domestic economy	645.69	exhibition U. S.		606
Cells		" hist.		973.82
biology	576.3	<sup>1</sup> Center co. Pa. history		974.853
connectiv histology	611.01821	of gravity physics		531.24
histology anatomy	611.0181	Cent-gram-second system		530.8
botany	581.8	Centipedes zoology		595.6
zoology	591.8	Centlivre, Mrs Eng. drama		822.53
physiologic botany	581.1	Cento novelle antiche		853.11
physiology	612.014	Central		
voltaic engineering	621.35	1 Africa history		967
see also qualifying word		travel		916.7
Cellular		1 North history		966
confinement prisons	365	travels		916.6
punishm'ts	343.2	1 America history		972.8
nerv substance histol.	611.01882	travel		917.28
tissue, botany	581.8	1 Asia history		958
histology	611.0181	travels		915.8
physiology	612.388	fissure anatomy		611.81312
Cellulitis diseases	616.77	nervous system physiol.		612.82
Celluloid dom. econ.	646.183	Park, New York		711
manufactures	679	plan rural schools		379.175
Cellulose botany	581.8	reading room lib. bldg		022.51
physiology	612.396113	stations elec. engin'g		621.312
Celsius, Anders Swed. misc.	839.7835	steam "		621.19
Olof " "	839.7846	switchboard telephones		621.3854
Celtic antiquities	913.36	Centralization		
druids religion	299.16	administrativ Eng.		354.4201
languages	491.6	France		354.4401
ancient history	936			



Centralization	Ger.	354.4301	Cerebrospinal		
	lib. econ.	021.63	fever diseases		616.925
	U. S.	353.91	fluid physiology		612.8241
political science		320.1	meninges diseases of		616.82
school supervision		379.15	meningitis		616.82
Centre of gravity	physics	531.24	poisons therapeutics		615.98
Centrifugal blowers	eng.	621.63	Cerebrospinalis, fasciculus		611.8252
force	physics	531.35	Cerebrum		
pumps	eng.	621.67	action on bloodvessels		612.1811
Centripetal force	physics	531.35	hart		612.1784
Centrolepideæ	botany	584.82	respiration		612.281
Centrosome	histology	611.01882	<b>anatomy</b>		<b>611.81</b>
	physiology	612.01426	<b>physiology</b>		<b>612.82</b>
Centrum ovale maj.	anat.	611.8137	Ceremonies	customs	394.4
semiovale	"	611.8137		relig. ritual	264
<b>Cephalic part of symp. syst.</b>		<b>611.8391</b>	Cerium		
veins	anatomy	611.145465	group	<b>inorganic chem.</b>	<b>546.6</b>
Cephalization	zoology	591.4	inorganic chemistry		546.62
Cephalopoda	"	594.5	oxalate of	therapeutics	615.735
Ceramics	bdg materials	691.4	Cerro Gordo		
eng.	"	620.14	<sup>1</sup> co. Ia. hist.		977.725
fine arts		738	U. S. war with Mex.		973.6237
<b>manufacture</b>		<b>666.3</b>	Certainty	knowledge	121
Ceratophylleæ	botany	583.987		of med. therap.	615.51
Cereals	adulterations	614.312	Certification of teachers		371.13
agriculture		633.1	Ceruminous glands	anat.	611.777
botany		584.9		physi.	612.7929
food values		641.13	Cervantes Saavedra, M.de		
physiology		612.39273	Spanish fiction		863.32
trade in		338.1	Cervera's squadron		
Cerebellar			U. S. war with Spain		973.895
lobes	anatomy	611.81711	Cervical		
peduncles, superior		611.8164	cord	anatomy	611.8212
physiology		612.8267	ganglion, inferior	anat.	611.83916
<b>Cerebellum</b>	<b>anatomy</b>	<b>611.8171</b>	superior	"	611.83911
	physiology	612.827	ganglions, symp.	physiol.	612.891
Cerebral			glands	anatomy	611.4637
arteries, anterior & mid.		611.13333	nervs	"	<b>611.833</b>
posterior		611.1349	plexus	"	<b>611.8333</b>
circulation	physiol.	<b>612.824</b>	vertebrae	"	<b>611.7111</b>
in sleep	"	612.82174	Cervix	"	611.666
convolutions	"	<b>612.825</b>	dilation	obstet. op.	618.84
cortex	anatomy	611.8131	diseases of women		618.14
ganglions	physiology	612.826	Cesari, A.	Italian essays	854.67
peduncles	anatomy	611.8154	Cession		
physiology		612.8263	of territory	pol. sci.	320.1265
poisons	therapeutics	615.96	to U. S. of		
veins	anatomy	611.14511	Alaska	U. S. hist.	973.81
Cerebration, unconscious		153	California	"	973.621
Cerebria	diseases	616.83	Florida	"	973.54
Cerebro-cardiac poisons		615.99	Louisiana	"	973.46
Cerebrospinal			Philippines	"	973.891
axis	anatomy	611.811		Span. hist.	946.08
circulation, diseases of		616.81	Porto Rico	"	946.08

Cession to U. S. of			
Porto Rico U. S. hist.	973.891		
Western ter.	"	973.318	
Cesspools	air pollution	614.764	
Cestoda	parasitic diseases	616.964	
Cestoids	worms	595.1	
Cetacea	zoology	599.5	
<sup>1</sup> Ceylon	history	954.8	
	travel	915.48	
Chafing dish	recipes	641.585	
	utensils	643.335	
Chaillatiaceæ	botany	583.255	
Chain blocks		621.863	
	gearing	621.835	
Chaind books		025.8	
Chains	engineering	620.11286	
	ship outfit	623.86	
Chairs	domestic econ.	645.41	
	lib. econ.	022.911	
	rail	625.15	
	school furniture	371.631	
Chalcography	engraving	762	
Chaldæa	ancient history	935.1	
Chaldean	architecture	722.5	
	philosophy	181.6	
	religion	299.22	
<sup>4</sup> Chaldee	language	492.2	
Chalets	architecture	728.7	
Chalises	sacred vessels	247.8	
Chalk	lithology	552.54	
	beds economic geol.	553.68	
Challenger exped.	1873-76	508.3	
Challenges	duels	394.8	
Chalukyan	architecture	722.4	
Chalybeate waters	geol.	553.73	
Chamber, gun	ordnance	623.4237	
	music	785.7	
Chamberland filter	chem.	542.67	
Chambermaids	dom. econ.	647.25	
Chambers			
	form of legislature	328.39	
	of commerce reports	381	
<sup>1</sup> Chambly co. Que.	history	971.437	
Chameleon	zoology	598.11	
Chamisso A. von	Ger. fic.	833.68	
<sup>1</sup> Champagne, Fr.	history	944.3	
Champagne	chem. tech.	663.2	
<sup>1</sup> Champaign co. Ill.	hist.	977.366	
<sup>1</sup>	O. "	977.1465	
Championship			
	games amusements	790	
	ethics	175.7	
	school hygiene	371.75	
Champlain			
	S: de discov. of Amer.	973.18	
	<sup>1</sup> Champlain co. Que.	history	971.446
	lake	"	974.754
		travels	917.4754
	battle Amer. revol.	973.352	
	war of 1812	973.5256	
Chance			
	games of amusements	795	
		ethics	175.5
	natural theology	214	
	probabilities	519	
	vs cause metaphysics	122	
Chancellors lives		923.4	
Chancellorsville, Va. battle		973.7346	
Chancels	ecclesiology	246.1	
Chancery, court of		347.99	
	law	347.8	
	reports Am. law	345.4	
	Eng. "	346.4	
Chances	mathematics	519	
Chandeliers	design	749	
	dom. econ.	644.326	
	lib. buildings	022.766	
Change of air	hygiene	613.12	
	form of state	321.09	
	seasons	525.53	
Changers, frequency	eng.	621.31355	
Changes of blood, respiration		612.23	
Channel beams	engin'g	620.11282	
<sup>1</sup>	ilands history	942.34	
Channels, hydrography of		526.99	
	open hydraulics	532.54	
Channing, W: E. Am. essays		814.23	
Chanson de geste	Fr. poet.	841.11	
	Roland "	"	841.11
Chant, Gregorian ecclesiol.		246.8	
Chants	sacred music	783.5	
Chapbooks		398.5	
Chapelain, J; Fr. poetry		841.44	
Chapels	architecture	726.4	
	cemetery "	726.8	
Chapin, E. H. Am. oratory		815.35	
Chaplains	ministry	262.1	
	army U.S.civ.war	973.778	
Chaps	skin disorders	616.58	
Chapter-and-verse div. Bible		220.1	
Chapultepec, battle		973.639	
Characeæ	botany	588.4	
Character	ethics	170	
	formation of	374	
	lib. qualifica'ns	023.52	
	of reading	028.9	
Characteristics, mental		136	
Charades		793	
Charbon	public helth	614.561	

- Charcoal  
 and chemicals in sewers 628.237  
 animal chem. tech. 668.7  
 burning air pollution 614.735  
 chemic technology 662.7  
 drawing 741  
 fuel domestic econ. 644.21  
<sup>1</sup>Charente, France hist. 944.65  
<sup>1</sup> " Inférieure, Fr. " 944.64  
 Charging systems libraries 025.6  
 Charismata theology 231.7  
**Charitable associations** 361  
 institutions 361  
 Charities Amer. civ. war 973.777  
 and corrections 360  
<sup>1</sup>Chariton co. Mo. history 977.825  
 Charity ethics 177.7  
 public admin. 351.84  
 schools 377.7  
 sisters of 271.91  
 sociology 361  
 Charlatanry quackery 133.7  
 Charlemagne  
 age of European hist. 940.3  
 French " 944.01  
 German " 943.01  
 legends 398.2  
 Charles 1 English hist. 942.062  
 2 " " 942.066  
 Charles 4 French " 944.024  
 5 " " 944.025  
 6 " " 944.026  
 7 " " 944.026  
 8 " " 944.027  
 9 " " 944.029  
 10 " " 944.062  
 Charles 2 German " 943.021  
 3 " " 943.021  
 4 " " 943.026  
 5 " " 943.031  
 Netherl. " 949.202  
 Spanish " 946.04  
 6 German " 943.052  
 7 " " 943.054  
 Charles 1 Spanish " 946.04  
 2 " " 946.053  
 3 " " 946.057  
 4 " " 946.058  
 Charles 14 Swedish " 948.07  
<sup>1</sup>Charles co. Md. history 975.247  
 travels 917.5247  
 Charleston, S. C.  
 campaign U. S. civ. war 973.7351  
 harbor, 1861 " " " 973.7311  
 Charleston, S. C.  
 harbor, 1864 U. S. civ. war 973.7364  
<sup>1</sup> history 975.7  
 naval hist. U. S. civ. war 973.753  
 siege Amer. revol. 973.3362  
 travels 917.57  
<sup>1</sup>Charleston, W. Va. hist. 975.438  
<sup>1</sup>Charlevoix co. Mich. " 977.486  
<sup>1</sup> " Que. hist. 971.449  
<sup>1</sup>Charlotte co. N. B. " 971.533  
<sup>1</sup>Charlottetown, P. E. I. " 971.75  
 Charms occultism 133.4  
 Charters lib. government 023.1  
 of cities 352  
 Chartier, A. Fr. poetry 841.21  
 Chartism Eng. const. hist. 342.42  
 Chartists " polit. party 329.942  
**Chartography maps, etc.** 912  
 Charts  
 geografy 912  
 history 902  
 library administration 025.176  
**maps** 912  
 of comets astronomy 523.69  
 moon " 523.39  
 planets " 523.49  
 stars " 523.89  
 statistics 311  
 sun astronomy 523.79  
<sup>2</sup> special topic see subject  
 Chase hunting 799  
 Chasing sculpture 736  
 Chassis gun mounts 623.4352  
 Chastelain, G. Fr. fiction 843.24  
 Chastity ethics 176.1  
 Chateaubriand, F. A. R.  
 vicomte de Fr. fiction 843.65  
<sup>1</sup>Chateauguay co. Que. hist. 971.433  
 Chateaux architecture 728.82  
 Chatham, earl of Eng. orat. 825.61  
 Chatrian, A. Fr. fiction 843.85  
 Chattanooga-Ringgold cam-  
 pain U. S. civ. war 973.7359  
 Chattels law 347.3  
 Chatterton, T: Eng. poetry 821.63  
 Chaucer, G. " " 821.17  
 Chaulieu, G. A. de Fr. poetry 841.47  
 Chautauqua self-educat. 374.9  
<sup>1</sup> " co. N. Y. hist. 974.795  
<sup>1</sup>Cheat valley W. Va. " 975.481  
 Cheating ethics 174  
 student life 371.81  
<sup>1</sup>Cheboygan co. Mich. hist. 977.487  
 Checkers 794

Checks	banks	332.1	Chemistry		
	commerc. law	347.7	of bile	physiology	612.3571
	gun mounts	623.4351	cells	"	612.0141
	on legislation	328.256	muscle	"	612.744
Cheeks	anatomy	611.318	poisons	chem. anal.	543.5
Cheerfulness	ethics	179.9		toxicology	615.9
Cheers, college		371.89	organic		547
Cheese	adulterations	614.327	physiologic	physiology	612.015
	dairy	637		zoology	591.19
	physiology	612.39285	study of disease		616.076
Cheiro- <i>see</i> Chiro-			Chemists	biography	925.4
Chelonia	reptils	598.13	Chemotaxis	mesology	612.014467
Chemic			Chemotropism	"	612.014467
affinity		541.39	<sup>1</sup> Chemung co. N. Y. hist.		974.778
agents, effects of diseases		616.987	formation geol.		551.74
analysis		543	<sup>1</sup> Chenango co. N. Y. hist.		974.773
apparatus		542.2	Chénier, A. M. de	Fr. poet.	841.56
disinfectants	cont. dis.	614.484	M. J. de	" drama	842.66
effects of musc. contrac.		612.7442	Chenopodiaceæ	botany	583.914
electricity	engineering	621.35	Cheques	commerc. law	347.7
elements	chem. tech.	661.1	<sup>1</sup> Cher, France	history	944.55
	chemistry	546	Cherbourg, Fr.	U.S.civ.war	973.754
equations		541.9	Cherbuliez, V.	Fr. fiction	843.87
fire extinguishers		614.845	<sup>1</sup> Cherokee co. Ia.	history	977.717
industries		660	Cherry Valley	massacre	973.3345
jurisprudence	law	340.6	Cherub, ship	war of 1812	973.5255
laboratories		542.1	Chesapeake, ship	" "	973.5253
	architecture	727.5	<sup>1</sup> Cheshire, England	hist.	942.71
manipulation		542.2	<sup>1</sup> co. N. H.	"	974.29
nomenclature		541.9	Chess	amusements	794
phenomena, physiologic				ethics	175.4
nervous influ. on		612.8228	room	lib. bildings	022.662
of sleep		612.82175	Chest	anatomy	611.94
physics		541.3		diseases	616.2
physiology		591.1		surgery	617.54
stimulation of nerv cells		612.8222	<sup>1</sup> Chester co. Pa.	history	974.813
	nervs	612.814	plays	Eng. drama	822.11
technology		660	Chesterfield	" letters	826.52
treatment of wastes		628.544	Chiabrera, G.	Ital. poetry	851.51
works	air pollution	614.72	<sup>1</sup> Chiapas, Mexico	history	972.7
Chemicals	manufacture	661	Chiasma opticum	anatomy	611.8144
	in sewers	628.237	<sup>1</sup> Chicago	history	977.31
Chemigraf	printing	655.32		travels	917.731
Chemistry		540	Chichimec period	Mex. hist.	972.012
agricultural		631	Chickamauga, Ga.	campaign	973.7355
analytic		543	<sup>1</sup> Chickasaw co. Ia.	hist.	977.7315
and natural religion		215	Chicken farming		636.5
	physics	541.3		pox	diseases 616.914
applied to the arts		660		pub. helth	614.525
economic	zoology	591.64	<sup>1</sup> Chicoutimi co. Que.	history	971.416
industrial	chem. tech.	660	Chief justises	biography	923.4
inorganic		546		librarian	lib. econ. 023.4
legal	law	340.6	<sup>1</sup> Chihuahua, Mexico	hist	972.1
medical	materia med.	615		travel	917.21

Chilblains	skin disorders	616.58	Chimneys		
Child labor	polit. econ.	331.3	high sanitary eng.		628.522
Childbirth	obstetrics	618.2	masonry		693
Childhood		136.79	sewer ventilation		628.236
Children			steam engineering		621.1838
abnormal child study		136.76	China	administration	354.51
education		371.9	botany		581.951
asylums for architecture		725.57	finance		336.51
sociology		362.7	geology		555.1
care of		649.1	history, ancient		931
clothing for dom. econ.		646.36	modern		951
cookery " " "		641.562	maps		912.51
cruelty to ethics		179.2	schools, public		379.51
delineation of		136.75	statistics		315.1
diseases of		618.9	travels		915.1
duties of ethics		173.6	treaties		341.251
education of		372	other top. see table 1		
games of nursery		649.55	ware dom. econ.		642.7
outdoor		796	fine art		738
habits of dom. econ.		649.6	useful arts		666.5
hedgear for " "		646.56	Chinese		
hospitals for		362.7	architecture		722.1
labor of pol. econ.		331.3	art		709.51
manners of dom. econ.		649.6	discovery of America		973.12
moral care for		377	exclusion act U. S. hist.		973.86
of American revolution		369.137	immigration		325.251
Children's			labor polit. economy		331.6
crusade European hist.		940.4	language		495
point of view child study		136.74	literature		895
room lib. bildings		022.58	philosofy		181.1
Childstudy		136.7	religion		299.5
Chile	administration	354.83	servants dom. econ.		647.24
botany		581.983	Chinook language		427
finance		336.83	<sup>1</sup> Chios ancient history		939.13
geology		558.3	<sup>1</sup> modern "		949.93
history		983	travels		914.993
maps		912.83	Chipewa, battle war 1812		973.5237
schools, public		379.83	<sup>1</sup> co. Mich. hist.		977.491
statistics		318.3	<sup>1</sup> Wis. "		977.544
travels		918.3	Chiromny palmistry		133.6
treaties		341.283	Chirografy penmanship		652
other top. see table 1			Chiromancy palmistry		133.6
controversy U. S. hist.		973.86	Chiropody surgery		617.58
Chiliasm millennium		236.3	Chiroptera mammals		599.4
<sup>1</sup> Chillicothe, O. history		977.1821	Chirosfory palmistry		133.6
Chills and fever diseases		616.936	Chitarra, C. dalla It. satire		857.12
pub. helth		614.53	Chitin physiology		612.396172
Chimes of bells music		789.5	<sup>1</sup> Chittenden co. Vt. hist.		974.31
Chimney			Chivalry, age of Europ. hist.		940.4
money taxation		336.27	customs		394.7
pieces architect.		729.95	Chlænaceæ botany		583.168
sweeping dom. econ.		644.2	Chloral hydrate poisons		615.967
Chimneys			hygiene		613.83
heating		697.8			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Chloral hydrate		Choroid plexus anatomy	611.8192
hypnotics	615.782	physiology	612.8241
temperance	178.8	Chorus	
Chloranthaceæ botany	583.926	college songs	784.6
Chlorids fertilizers	631.832	sacred music	783.8
as disinfectants	614.487	vocal "	784.86
Chlorin		Chrestien de Troyes Fr.poet.	841.14
compounds		<sup>3</sup> Chrestomathy Eng. lang.	428.7
air pollut.	614.726	<b>Christ doctrinal theol.</b>	232
mineralogy	549.4	life of	232.9
inorganic chemistry	546.13	Christening baptism	265.1
salts in urin	physiol. 612.46161	customs	392.1
Chloroform		Christian	
anesthetics	615.781	apologetics	239
poisons	615.966	architecture, eccles.	726
Chlorophyll botany	581.8	medieval	723
Chlorophyllaceæ botany	589.8	art	246
Chlorosis diseases	616.15	associations	267
Choate, Rufus Am. oratory	815.32	Brothers monks	271.78
Chocolate		church	260-289
adulterations	614.347	commission U.S.civ. war	973.7781
beverages	641.87	<sup>1</sup> co. Ill. history	977.381
manufactures	663.9	<sup>1</sup> Mo. "	977.879
Choctaw language	497	doctrins	230
literature	897	education	377
Choice		ethics	171.1
freedom of ment. facul.	159	evidences	239
metaphysics	123	fathers relig. hist.	270
of editions	028.2	works of	281.1
vocation	374	iconograpy relig. art	246
Choir music	783.8	sculpture	732
Choke coils elec. eng.	621.3146	institutions	260
Cholagoggs therapeutics	615.742	life personal religion	248
Choledic duct anatomy	611.367	names	929.4
Cholemia physiology	612.35765	philosofy patristic	189.2
Cholera		science church	289.9
diseases	616.93	healing law	614.24
infantum pub. helth	614.515	theology	230.99
protectiv inoculation	614.475	therap.	615.851
public helth	614.514	sects	280
Cholesterin blood constit <sup>nt</sup>	612.123	socialism	335.7
nutrition	612.39781	Sunday	263.3
Chondrocostal joints	611.723	union	280
Chondrostei fishes	597.4	unions, young men's	267.233
Chondrosternal joints	611.723	<sup>1</sup> Christiania, Norway hist.	948.2
Choral servis sacred music	783.24	trav.	914.82
Chorale " "	783.6	Christianity	
Chord process geodesy	526.43	and science apologetics	239.8
Chorda tympani anatomy	611.83175	evidences	239
and saliv.	612.81977	history	270-289
and taste	612.877	primitiv	270.1
Chorea diseases	616.851	Christians biograpy	922
Choriambics Gk prosody	486.3	sect	289.2
Chorion embryology	611.01384	biog.	922.82
Choroid anatomy	611.8423		
eye diseases	617.72		
physiology	612.8425		

- <sup>1</sup>Christiansand, Nor. hist. 948.3  
 Christine de Pisan Fr. fic. 843.21  
 Christmas  
   customs 394  
   festival music 783.28  
   school holiday 371.365  
**Christology** doctrin. theol. 232  
 Chromates mineralogy 549.74  
 Chromatic  
   aberration optics 535.4  
   scale theory of music 781  
 Chromatics optics 535.6  
 Chromatografy 752  
 Chromatolysis physiol. 612.01424  
 Chromatophores " 612.796  
 Chromium econom. geol. 553.46  
   inorg. chem. 546.76  
   **group** " 546.75  
 Chromolithografy 764  
 Chromometry colorimetry 545.8  
 Chromografy 770  
 Chromosome bodies phys. 612.01424  
 Chromosphere sun 523.75  
 Chromoxyografy 761  
**Chronic diseases** pathol. 616  
 Chronicles Bible 222.6  
   history see special subj.  
 Chronofotografy physiol. 612.761  
 Chronograf astronomy 522.52  
   instruments 529.78  
   manufacture 681  
 Chronograms 529.3  
 Chronologies history 902  
**Chronology** astronomy 529  
   biblical Bible 220.94  
 Chronometer  
   astron. instruments 522.51  
   longitude determina. 525.47  
   manufacture 681  
 Chrysanthemums horti. 716.2  
 Chrysiptus stoic philos. 188.3  
 Chrysolitic rocks 552.48  
**Church** 260-289  
   and clergy law 348  
   **education** 377.8  
   state eccl. polity 261.7  
   ethics 172.3  
   polit. science 322  
   Apostolic 281.1  
   **architecture** 726  
   attendance 264  
   authority 262.8  
   bells manufactures 673  
   music 789.5  
 Church  
   benefices cleric support 254  
   **biografy** 922  
   calendar, Anglican 264.031  
   **Christian** 260-289  
   **decoration** sacred orn. 247  
   disciplin eccl. polity 262.9  
   entertainments 259  
   fathers 281.1  
   fellowship 265.2  
   **festivals** worship 264  
   **furniture** 247  
   **government** 262  
   **history** 270-289  
   membership ordinances 265.2  
   **music** 783  
   **needlework** 247  
   **of England** 283  
   Rome 282  
   Scotland 285.2  
   **polity** 262  
   primitiv 270.1  
   property  
     **monastic foundations** 271  
     polit. science 322  
     taxation 336.29  
   rates cleric support 254  
   **religious history** 270-289  
   **sacraments** 265  
   **schools** 377  
   **sects** 280  
   **servises** pub. worship 264  
<sup>4</sup> Slavonic language 491.81  
   sociology 322  
   **unity** 280  
   vestments 247.7  
   **work** 260  
   yards cemeteries 719  
 Churches  
   and American revolution 973.315  
   U. S. civil war 973.715  
   architecture 726.5  
   burials in pub. helth 614.613  
   hygiene 613.55  
   library propagandism 021.76  
   national vs organic unity 261.8  
   **various christian** 280  
 Churchill, C: Eng. satire 827.61  
 Churubusco, battle 973.6238  
 Chutes domestic econ. 643.6  
 Chyle bloodmaking 612.119  
   **digestion** 612.3327  
 Chyliferous vessels phys. 612.33273  
 Chyluria " 612.46662

Cibber, Colley Eng. dram.	822.54	Circles	perspectiv	515.65
Cicada agriculture	632		plane geometry	513.21
econ. zoology	591.69		prehist. archeol.	571.95
Cicatrization		Circuit breakers	elec. eng.	621.31736
of bone physiology	612.753		court reports, U. S.	345.41
liver "	612.359	Circular arches	architect.	721.41
nerv centers "	612.82256	domes	"	721.46
nervs "	612.81853	functions	trigo.	514.1
physiology	612.603	section of sewers		628.223
Cicero complete works	875.1	Circulars, lib. propagandism		021.72
Greek philosophy	186.3	Circulating		
letters	876.1	dept hours lib. econ.		024.36
life	928.75	libraries		027.3
orations	875.2	Circulation		
philosophic works	875.4	and blood physiology		612.1
rhetorical works	875.3	arterial	"	612.133
Cid, Poema de mio	861.12	artificial	"	612.1725
Romancero del	861.27	capillary	"	612.135
Cider chem. technology	663.1	cerebral	"	612.824
Cienfuegos, N.A. de	861.48	in sleep	"	612.82174
Cifer writing	652	cerebro-spinal diseases		616.81
Cigar making	679	effect of		
see also Tobacco		glands on	physiol.	612.402
Cilia		on glands	"	612.401
anatomy of eye	611.8475	respiration on	"	612.213
histology	611.01818	special organs on	"	612.19
physiology of eye	612.847	embryonic	"	612.179
vibratil physiology	612.72	hepatic	"	612.3515
Ciliary		hydraulic princip. of	"	612.13
body anatomy	611.8425	in animals	zoology	591.11
eye diseases	617.72	lungs	physiology	612.2158
physiology	612.842	muscles	"	612.74161
ganglion anatomy	611.89152	plants	botany	581.11
glands	611.775	spleen	physiology	612.412
muscle	611.8425	intestinal	"	612.3355
processes	611.8425	lymphatic	"	612.423
Ciliata zoology	593.17	money		332
Cilicia ancient history	939.35	oceanic ocean currents		551.47
modern "	956.4	ocular physiology		612.8426
travel	915.64	of blood history		612.109
Cinchonia materia medi.	615.336	prenatal physiol.		612.179
Cincinnati		pressure in	physiology	612.14
city, O. history	977.178	renal	"	612.4634
travels	917.7178	retinal	"	612.84313
society of	369.131	uterin	"	612.6271
daughters of	369.132	venous	"	612.134
Cinematics mechanics	531.1	Circulators	elec. eng.	621.3525
Cinerary urns customs	393.2	Circulatory		
Cinerea anatomv	611.822	organs comp. anat.		591.41
Cipher writing	652	descr. "		591.71
Circassia history	947.9	system anatomy		611.1
Circle Ger. local gov.	352.0433	diseases of		616.1
of Willis anat.	611.1349	drugs acting on		615.71
sailing, great	527.5			



Circulatory			City		
system physiology	612.1		property local gov.	352.1	
surgery	617.41		transit sociology	388	
Circumanal glands anat.	611.776		vs country colleges	378.153	
Circumcision customs	392.1		Civil		
surgery	617.46		authority local gov.	352	
Circumflex			engineering	620	
axillary arteries anat.	611.1341		government polit. sci.	320	
iliac artery, deep "	611.13782		and the church	322	
extern. "	611.137842		ethics	172.3	
Circumnavigations	910.4		relig.	261.7	
Circumpolar stars maps	523.89		law	349	
Circumstantial evid. law	347.94		liberty polit. science	323.44	
Circumvallation mil. eng.	623.22		lists	351.2	
Circuses amusements	791		pensions administra.	351.5	
ethics	175.1		procedure law	347.9	
feeding	641.577		rights constitutional law	342	
Cirripedia zoology	595.35		legal capacity	347.1	
Cisoid curvs anal. geom.	516.26		act U. S. hist.	973.82	
Cistercian monks	271.72		servis administration	351	
Cisterns rural water sup.	628.7		library econ.	023.2	
Cistineæ botany	583.134		municipal gov.	352.005	
Citadel mil. engineering	623.132		officials, lives	923.5	
Cités ouvrières architect.	728.13		suffrage	324.173	
Cities			reform admin.	351.6	
administration	352		1871 U.S.hist.	973.82	
ancient description	913.3		1883 "	973.84	
beautification	710		trials		
buried description	913.3		war ass'ns, confederate	369.17	
free German gov.	354.4309		Union	369.15	
growth of administration	352.001		ethics	172.4	
statistics	312		slavery	326	
helth of	614.145		U. S. history	973.7	
plans of	912		Civility ethics	177.1	
scavenging of	628.4		Civilization and the church	261.6	
water and sewerage wks	628.09		history	901	
Citizens, duties of ethics	172.1		philosofy of	901	
Citizenship			primitiv	571	
constitutional amendment			<sup>1</sup> Clackmannan, Scot. hist.	941.35	
U. S. history	973.81		Claims against governments	336	
law	347.1		U. S. court of hist.	347.99	
political science	323.6		reports	345.41	
Citrates diuretics	615.761		Clairvoyance	134	
Citrous fruits agric.	634.3		Clambakes dom. econ.	642.45	
City			Clamps practical chem.	542.24	
governments adminis.	352		Clams culture	639.4	
halls architecture	725.13		zoology	594.1	
homes of poor "	728.11		Clans genealogy	929.2	
hotels "	728.51		political science	321.2	
houses "	728.3		Scottish history	941	
life			<sup>1</sup> Clare co. Ireland history	941.93	
mortality pub. helth	614.145		Mich. "	977.471	
planning	710		Clarinet wind instr.	788.6	
special cities	914-919		<sup>1</sup> Clarion co. Pa. history	974.869	

<sup>1</sup> Clark co. Ill.	history	977.371	Clastrum	anatomy	611.81323
	travels	917.7371	Clavichord	mus. instrum.	786.1
<sup>1</sup>	Ind.	history	Clavicle	anatomy	611.7172
<sup>1</sup>	Mo.	"	Clay, Henry	Am. oratory	815.25
<sup>1</sup>	O.	"	Clay	chemic technology	666.4
<sup>1</sup>	Wis.	"	<sup>1</sup> co. Ill.	history	977.3795
<sup>1</sup> Clarke co. Ia.	history	977.7856		travels	917.73795
Clarke's colum	anatomy	611.8223	<sup>1</sup>	Ind.	history
Clark's exped.	Am. fevol.	973.3348	<sup>1</sup>	Ia.	"
<sup>1</sup> Clarksburg, W. Va.	hist.	975.458	<sup>1</sup>	Mo.	"
Class			<sup>1</sup>	W. Va.	"
days	student customs	371.896		modeling	elem. educ.
feeling	ethics	177.5		petrography	552.52
meetings	pub. worship	264.8	Clays	economic geol.	553.61
representation	pol. sci.	328.3344	<sup>1</sup> Clayton co. Ia.	history	977.7396
re-unions	colleges	378	Clayton-Bulwer	treaty	973.64
	student cus.	371.89	Cleaners	library servis	023.796
room	lib. bildings	022.653		vacuum dom. ec.	648.52
system	suffrage	324.214		engin'g	621.55
<b>Classed catalogs</b>	<b>bibliog.</b>	<b>017</b>	Cleaning	chem. tech.	667.1
	lib. adm.	025.3		<b>dom. econ.</b>	<b>648</b>
Classes			dry	domestic econ.	646.6
of library constituency		021.28	laundry	" "	648.1
school organization		371.25	pneumatic		621.549
social, courses for different		375.007	Cleanliness, <i>see</i> Clenliness		
political sci.		323.3	Cleanthes	stoic philos.	188.2
Classic			<sup>1</sup> Clearfield co. Pa.	history	974.861
antiquities		913.38	Clearing house	banking	332
biografy		920.03		for lib. dupli.	025.267
education		375.88	Cleavage	crystallografy	548.3
geografy		912.3		geology	551.84
literature		880	Clemency	ethics	179.9
	Greek	880	Clemens, S: L.	Am. humor	817.44
	Latin	870	Clement	philosofy	189.2
mythology		292	Clementines	Apocrypha	229.9
<sup>4</sup> philology	Greek lang.	480	Clenliness		
<sup>4</sup>	Latin "	470	of body	hygiene	613.4
schools, private	educ.	373	clothing	"	613.483
public	"	379	markets	dom. econ.	641.4
<b>Classics</b>	Greek literature	880	Cleopatra's needle	monu.	718
	Latin "	870	Clepsydra	chronology	529.78
Classification			Cleptomania	derangem'ts	132.6
chemistry		541.9	Clerc, Jean de	Dutch misc.	839.381
library		025.4	Clergy		
of animals	zoology	590.1	and Amer. revolution		973.315
books	lib. econ.	025.4	U. S. civil war		973.715
diseases	medicin	616.01	benefit of legal antiqui.		340.3
economics		330.12	canon law		348
knowledge	methodol.	112	celibacy	ethics	176.2
languages	philology	401		pastoral theol.	254
plants	botany	580.1	ethics		174.1
primary cells	el. eng.	621.3538	<b>holy orders</b>		<b>262.1</b>
sciences	nat. sci.	501	in legislativ bodies		328.3324
philosofy		112	library propagandism		021.76

Clergy			Cloisterd nuns	271.96
lives of	922		Cloquet's canal anat.	611.8447
pastoral work	250		<b>Close communion</b> baptists	286
reservs Can. hist.	971.3		sacrament	265.3
Cleric support	254		vs broad classification	025.4
tithes	336.21		Closed circuit cells eng.	621.3536
<b>Clerical servis lib. econ.</b>	<b>023.76</b>		Closet, earth sani. eng.	628.43
Clerks legislativ employees	328.3623		water air pollution	614.764
lib. econ.	023.763		san. engin'g	628.6
occupation hyg.	613.65		<b>Closing of libraries lib. econ.</b>	<b>024.4</b>
<sup>1</sup> Clermont co. O. history	977.179		Cloth manufactures	677
Cleveland, G. 1st presidency	973.85		<b>Clothes dom. economy</b>	<b>646</b>
2d "	973.87		Clothesmaking trade	687
<sup>1</sup> Cleveland, O. history	977.1		Clotheswringers dom. econ.	648.3
travels	917.71		Clothing	
Cliff dwellings archeol.	571.84		adapted to season	646.09
Climacterics physiology	612.66		care of children	649.4
vital statis.	614.13		disinfection, contag. dis.	614.48
Climate			domestic economy	646
effects of diseases	616.988		for frigid zones dom. ec.	646.091
mental char.	136.2		tropics " "	646.092
therapeutics	615.834		hygiene	613.48
hygiene	613.11		of laboring classes	331.83
influence on man	573.4		physiology of	612.5211
meteorology	551.56		support from hips	613.484
relation to ration physiol.	612.3955		Clouds meteorology	551.57
seasons	525.5		Club foot surgery	617.39
Climatology contag. dis.	614.42		houses architecture	728.4
phys. geog.	551.56		libraries	027.2
Climbers birds	598.7		table system	642.54
Climbing plants habits	581.5		Clubs	
Clinics medical educa.	610.7		domestic economy	647.94
<sup>1</sup> Clinton city, Ia. history	977.7671		library "	020.62
<sup>1</sup> co. Ill. "	977.387		literary education	374.2
travels	917.7387		social	367
Ind. history	977.255		workingmen's architec.	725.93
<sup>1</sup> Ia. "	977.767		Clusters and nebulae stars	523.85
<sup>1</sup> Mich. "	977.424		Clutches mech. engin'g	621.825
<sup>1</sup> Mo. "	977.8155		<b>Cnidaria zoology</b>	<b>593.5</b>
<sup>1</sup> N. Y. "	974.754		Coach bilding mech. trade	684
<sup>1</sup> Pa. "	974.854		Coaching amusements	798
Fort Am. revol.	973.3335		business	656
Clinton's advance " "	973.3335		Coachman dom. econ.	647.3
Clippings lib. adminis.	025.175		Coagulation	
lit. methods	029.3		of blood leucocytes	612.1125
Clitoris anatomy	611.675		physiology	612.115
Cloakmaking dom. econ.	646.45		Coal	
trade	687		economic geology	553.2
Clock, sidereal	522.51		fuel chemic technology	662.6
Clockmaking	681		domestic economy	644.22
Clocks artistic furniture	749		metallurgy	669.8
chronology	529.78		gas domestic lights	644.313
dom. economy	645.5		heating	697.6
lib. "	022.923		illuminating gas	665.7

Coal			Cochlear nerv	anat.	611.83181
heating	prac. chem.	542.42	nucleus	"	611.8177
mineralogy		549.8	path	"	611.83181
mining		622.33	Cock fighting		791
oil	chemic tech.	665.4	ethics		175.6
domestic lights		644.312	Cockles	culture	639.4
economic geology		553.28	Cockroaches	dom. econ.	648.7
mineralogy		549.8	zoology		595.72
tar colors	chem. tech.	667.2	Cocoa	adulterations	614.347
products	" "	668.7	beverages		641.87
therapeutics		615.75	manufacture		663.9
trade		338.2	Cocoanut	fruit culture	634.6
washing	ore dressing	622.78	Cocoon	silkworms	638.2
Coalescence			Cod fishery	fishing	639.2
fetuses	deformities	617.35	Code Napoleon	Fr. law	349.442
embryology		611.012	telegrafy, hand operat.		621.3823
incomplete	deformities	617.32	Codes	American law	345.22
of parts	"	617.33	telegraphic	elec. eng.	621.38215
Coast			Codices	Bible mss	220.4
artillery	gunnery	623.553	Codification		
mil. engin'g		623.417	legislation		328.23
changes	erosion	551.36	of law	U.S. law	345.2
defence	military eng.	623.3	Coeducation		376.7
frontier	pol. sci.	320.1288	of races		371.99
mounts	ordnance	623.433	Coele Syria	anc. history	939.42
pilot		656	Coelenterata	zoology	593.3
survey, U. S.	geodesy	526	Coeliacus plexus	anat.	611.83931
tides		525.64	Coelom	"	611.389
Coasting	sports	796	embryology		611.01366
Coasts, hydrografy of		526.99	Coffee	adulterations	614.347
Coatroom	lib. bildings	022.685	agriculture		633
attendants, lib.		023.794	botany		583.52
Coats, indoor	dom. econ.	646.43	commercial mix. of		663.9
of arms	heraldry	929.8	domestic economy		641.87
outdoor	dom. econ.	646.45	houses	customs	394.1
Cobalt	inorg. chem.	546.73	hygiene		613.37
ores	econom. geol.	553.48	physiology		612.3932
Coca	hygiene	613.85	stimulants		615.711
Cocain	anesthetics	615.781	Cofferdams	bridgebilding	624.157
Cocainism			river eng.		627.8
ethics		178.8	Coffins	burial customs	393.1
hygiene		613.85	perishable	pub. helth	614.614
medicin		616.86	Cognition	metaphysics	126
Coccygeal			Cogwheels	mech. eng.	621.83
joints	anatomy	611.7218	<sup>1</sup> Cohahuila, Mex.	hist.	972.1
gland	"	611.48	Coherers	wireless teleg.	621.3843
muscles	"	611.7369	Cohesion	physics	539.2
nervs	"	611.836	Coils		
Coccyx	"	611.7118	choke	elec. engin.	621.3146
<sup>1</sup> Cochin China, Fr.	history	959.7	elec. apparatus	physics	537.86
Cochineal	agriculture	638.3	induction	elec. engin'g	621.3147
dyeing		667.2	theory of	dynam. elec.	537.51
Cochlea	anatomy	611.8521	Coin collectors, telefone		621.38692
physiology		612.8584	Coinage	administration	351.822

Coinage	polit. economy	332.4	Collections		
act	U. S. history	973.82	vocal music		784
Coins	numismatics	737	other topics, see subject		
Coke	chemic tech.	662.7	<b>Collectiv housekeeping</b>		647.9
	domestic. econ.	644.22	Collectors	elec. traction	621.3344
	metallurgy	669.8	manuals	biology	579
<sup>1</sup> Colchester co. N. S.	history	971.612	Collects	Anglican ritual	264.036
Colchis, Asia	ancient hist.	939.53	College		
Cold			cheers	student customs	371.89
antipyretics		615.75	degrees		378.2
baths	hygiene	613.43	education, cost of		378.38
drinks	"	613.36	electoral	suffrage	324.249
exposure to	prot. of life	614.87	entrance	requirements	371.214
Harbor, Va.	U. S. civ. war	973.7368	founders' lives		923.7
imponderable	remedies	615.832	journalism	colleges	378.05
physics		536	journalism	journalism	070.489
physiologic effects		612.59	libraries		027.7
storage	architecture	725.35	functions		371.647
	food preservat.	641.4	men in Amer. revolution		973.315
wether	cookery	641.591	men in U. S. civ. war		973.715
Colds	catarrh	616.205	responsibilities		378.069
<sup>1</sup> Cole co. Mo.	history	977.855	regattas	athletics	371.75
Colenso	controv. Pentateuch	222.1	settlements	labor. classes	331.85
Coleochaeteæ	botany	589.47	societies	student life	371.83
Coleoptera	zoology	595.76	songs		784.6
Coleridge, S. T.	Eng. poetry	821.72	sports		371.74
<sup>1</sup> Coles co. Ill.	history	977.372	Y. M. C. A.		267.361
Colic	diseases	616.34	Colleges		
	painters' poisons	615.928	agricultural		630.7
<sup>1</sup> Colima, Mexico	history	972.3	and universities		378
Coliseum	Rom. antiq.	913.376	architecture		727.3
Collapse	lung diseases	616.249	business		650.7
Collar bone	anat.	611.7172	for women		376.8
Collars	toilet	646.48	separate vs coed.		376.7
Collation	library econ.	025.235	gymnastics in		371.7324
Collected	biografy	920	hygiene		613.54
	sermons	252	in American revolution		973.315
	travels	910.8	U. S. civ. war		973.715
	works, see subject		Collegiants	sects	284.9
Collecting			<b>Collegiate education</b>	women	376.6
biology		579.6	Collenuccio, P.	Ital. essays	854.24
book	library econ.	025.2	Collier	controv. Shakspeare	822.33
bottle	biology	579.612	Collieries	mining eng.	622.23
business	methods	658	Colliers	shipbiling	623.826
Collection of fertilizers		631.812	Collimation	constant astron.	522.35
	taxes finance	336.29	Collin-Harleville, J. F.		842.62
Collections			Collins, W:	Eng. poetry	821.57
art galleries		708	Collisions at sea	marit. law	347.7
engravings		769	Collodion	process photog.	772
of poetry	Amer. liter.	811.08	Colloids	mesology	612.0144625
	Eng. "	821.08		theoretic chem.	541.3452
photografy		779	Colman, G: sr	Eng. drama	822.63
special	library rooms	022.64	<sup>1</sup> Cologne	history	943.42
useful	knowledge	602		travel	914.342

<sup>1</sup> Colombia, S. Am.	history	986
	travels	918.6
Colon	anatomy	611.348
Colonial dames of Amer.		369.122
	nat'l soc. of	369.123
	daughters of 17th century	369.128
<b>history, U. S.</b>		<b>973.2</b>
	law English statutes	346.1
	order of the acorn	369.126
	representation pol. sci.	328.3343
<b>societies</b>		<b>369.12</b>
	society of Pennsylvania	369.127
	system political science	325
	wars, society	369.121
<b>Colonies political science</b>		<b>325</b>
<b>Colonization, African</b>		<b>325.6</b>
	hist. of Africa	960
	political sci.	325.3
Colonizing	electoral fraud	324.272
Colonnades	arch. design	729.32
	walls	721.26
Colophons	incunabula	093
Color		
	blindness eye diseases	617.75
		physiology 612.8455
	in man nat. hist. of man	573.5
	plants botany	581.157
	of animals zoology	591.157
	blood physiology	612.111
	optics	535.6
	painting	752
	sense mental faculty	152.1
	sight physiology	612.84331
	suffrage	324.1
Colorado, U. S.		
	admission U. S. history	973.82
	discovery of America	973.16
<sup>1</sup> history		978.8
	mil. hist. U. S. civ. war	973.7488
	war with Spain	973.89488
	travel	917.88
Coloration of flame	chem.	542.52
Colorational variation	zool.	591.157
Colord audition	physiol.	612.84373
	men Y. M. C. A.	267.365
	races somatology	573.5
	tiles roofs	721.56
Colorimetric analysis	chem.	545.8
Coloring		
	dyeing	667.2
	matter of bile physiol.	612.35713
	urin "	612.46127
	matters org. chem.	547

Colors		
	artificial chem. tech.	667.2
	college	378.28
	ecclesiology	246.6
	literary methods	029.1
	manufacture of paints	667.6
	military science	355.15
	painting fine arts	752
		trade 698.1
	practical printing	655.32
Colosseum	Rom. antiq.	913.376
Colossians	epistles	227.7
Colossus of Rhodes	monum.	718
Colostrum	physiology	612.66435
Colportage	parochial	259
Colt gun	ordnance	623.4225
<b>Colum, spinal, anatomy</b>		<b>611.711</b>
Columbates	mineralogy	549.71
Columbia college		378.747
<sup>1</sup> Columbia co. N. Y.	hist.	974.739
<sup>1</sup>	Pa.	" 974.838
<sup>1</sup>	Wis.	" 977.581
<sup>1</sup>	Dist. of "	975.3
	trav.	917.53
<sup>1</sup> Columbiana co. O.	hist.	977.163
Columbium	inorg. chem.	546.891
Columbus discov. of Amer.		973.15
<sup>1</sup> Columbus O.	history	977.157
	day sch. observ.	371.365
Columelliaceæ, botany		583.829
Colums		
	architec. construc.	721.3
	architectural design	729.32
	carpentry	694.4
	carvd arch. decorat.	729.57
	of cord, posterior anat.	611.826
	painted arch. decorat.	729.47
	sculpture	730
	strength of materials	620.11283
<sup>1</sup> Colusa co. Cal.	hist.	979.433
Combat, judicial leg. antiq.		340.3
Combination		
	arithmetic	511.5
	cars railway engin'g	625.24
Combinations		
	industrial polit. econ.	338.8
	of capital "	331.1
	labor "	331.87
Combinatory anal.	algebra	512.5
Combined syst. of sewerage		628.211
Combretaceæ	botany	583.414
Combs	customs	391.5
<b>Combustibles, storage</b>		
	public safety	614.831

Combustion			
chemistry		541.39	
engins, internal		<b>621.43</b>	
heat		536.46	
in furnaces	indus. sanit.	628.524	
steam generation		<b>621.182</b>	
locomotivs		621.1331	
<sup>5</sup> Comedy	Eng. drama	<b>822</b>	
Comella, L. F.	Span. "	862.41	
Comets		<b>523.6</b>	
charts		523.69	
connection with meteors		523.56	
maps	observations	524.6	
observation of		523.69	
theory		521.7	
<sup>5</sup> Comic journals	Eng. liter.	827	
	journalism	070.487	
	music	dramatic 782.6	
<sup>5</sup>	works	Eng. liter. 827	
Commagene, Asia	anc. hist.	939.36	
Command	mil. science	355.331	
Commanders	biografy	<b>923.5</b>	
Commelinaceæ	botany	584.38	
Commemorations			
military science		355.16	
U. S. history	civil war	<b>973.76</b>	
	Mex. "	973.626	
	revolution	<b>973.36</b>	
	Span. war	973.896	
	war of 1812	973.526	
Commemorativ sermons		252.9	
Commensalism	zoology	591.5	
Commentaries, Bible		220.7	
	law	<b>347</b>	
Commerce, interstate		385	
	regulat. of law	347.7	
	sociology	<b>380</b>	
	useful arts	<b>650</b>	
Commercial			
agencies	credit	332.7	
arithmetics	mathematics	511.8	
bildings	architecture	<b>725.2</b>	
	care of	<b>647.96</b>	
establishments	library	020.65	
fertilizers	air pollution	614.748	
industry	state control	351.824	
law		347.7	
morals	ethics	<b>174</b>	
panics	polit. economy	332	
travelers	Y. M. C. A.	267.363	
traveling	commerce	658	
Commissions			
bilding		692.8	
library		027.4	
Commissions			
middlemen	pol. econ.	331.236	
ordnance		623.4823	
parliamentary	legislat'n	328.372	
special	"	328.3628	
Commissure			
extension of	deformities	617.34	
of cord, anterior	anat.	611.8258	
	posterior	" 611.8269	
Committee			
procedure	legislation	328.3742	
Committee:			
legislativ bodies		328.3627	
library		<b>023.3</b>	
	see also	distinctiv name	
Common carriers	law	347.7	
	law, American	<b>345</b>	
	British	<b>346</b>	
	right copyr't	655.61	
	treatises	<b>347</b>	
Common pleas, court of		347.99	
	prayer	Ang. rit. 264.03	
	schools, public	<b>379</b>	
Commonplace books		029.4	
Commons, house of	Eng.	<b>328.42</b>	
	student life	371.88	
Commonwealth	Eng. hist.	942.063	
	Rom. "	<b>937.02</b>	
Commonwealths, ideal		320.1	
Communal marriage		392.6	
Commune, French loc. gov.		352.0446	
	Ger. " "	352.0434	
	of 1871	Fr. hist. 944.08	
	polit. economy	<b>335</b>	
Communes, age of, in Italy		945.04	
Communication			
administration		<b>351.81</b>	
electric engineering		<b>621.38</b>	
heat		536.2	
magnetism		538.2	
mode of	contag. dis.	614.43	
sociology		<b>380</b>	
useful arts		<b>650</b>	
Communion, close baptists		<b>286</b>	
	holy sacram.	265.3	
	servis mus.	783.21	
Communism	polit. econ.	335.4	
Communists, French		335	
Community of land	pol. ec.	333.2	
Commutators	elec. engin'g	621.316	
	physics	537.6	
Compact	ethics	174.7	
Companies	associations	<b>360</b>	
	joint stock	law 347.7	

Comparativ			Composition	
anatomy	animals	591.4	music	781.6
	plants	581.4	rhetoric	808
embryology	zoology	591.3	typesetting	655.25
legislation		340.5	with creditors	law 347.7
medicin		619	Compost heap	agric. 631.875
mythology		291	Compound	
philology		410	engins	621.11262
physiology	zoology	591.1	floors and flooring	721.64
religion		290	stationary engins	621.1647
theology	dogmatics	230	structures	bridgebuilding 624.7
wages	polit. economy	331.2	wound generators	621.31323 4
Comparetti, D. Ital. essays		854.86	Compounds	
Comparison			types of	chem. 541.4
<sup>3</sup> signs of	Eng. etymol.	422.6	with metals	org. chem. 547.9
	inflection	425.16	Compressibility of air	pneu. 533.2
Compass	magnetism	538.7	Compressing rams	engin'g 621.274
	variations of	astron. 522.76	Compression	
Compasses	ship outfit	623.86	of brain	physiology 612.82455
<sup>2</sup> Compends, see subject			gases	physics 533.2
Compensation			strength of materials	620.11242
labor	pol. sci.	331.2	Compressor nasi	anat. 611.7323
legislatures		328.333	Comprest air	engins 621.42
Compensator potential			machinery	621.5
regulators	elec. eng.	621.31451	therapeutics	615.836
Compensators	" "	621.31327	Compromise	
Competency			ethics	171
of voters	pol. sci.	324.14	Missouri	U. S. history 973.54
Competition	prices	338.5	of 1850	" civ. war 973.7113
	wages	331.2		" history 973.63
Competitiv			tariff act	" " 973.56
examinations, civ. serv.		351.3	Compromises, slavery	
	schools	371.27		U. S. hist. 973.7113
music festivals		784.5	<sup>1</sup> Compton co. Que.	history 971.468
Complex ores	metallurgy	669	Compulsory	
	variables	calculus 517.8	education	379.23
Complexus muscle	anat.	611.7314	insurance	331.25
Complications in labor	obst.	618.5	labor	polit. econ. 331.57
Compline	Anglican ritual	264.034	vaccination	pub. helth 614.4738
Composers	biografy	927.8	voting	political sci. 324.215
Composit			Compurgation	legal antiq. 340.3
electrode arcs	elec. light	621.3256	Computation	arithmetic 511
floors and flooring		721.65		bridge stresses 624.171
fuels	steam engineering	621.18225	Comte	French philosofoy 194.8
order of architecture		729.32		positivism 146
power	electric plants	621.312135	Concept	mental philos. 153.1
ships	shipbuilding	623.84		of state pol. sci. 320.15
structures	arch. const.	721.94	Conception	
Compositæ	botany	583.55	immaculate	Christology 232.1
Composition			physiology	612.63
architectural design		729.11	Concert room	lib. bildings 022.651
artistic	typesetting	655.26	teaching	371.31
elementary	English	428.2	Concertina	music 786.9
fertilizers		631.813	Concerto	orchestral mus. 785.6



Concerts amusements	791	Condiments adulterations	614.314
Conchae anat.	611.7147	chem. tech.	664.5
Conchifera brachiopoda	594.8	Conditional	
lamellibranch.	594.1	immortality	237.3
Conchoid curv anal. geom.	516.26	sentences English	425.4
<b>Conchology</b>	<b>594</b>	Greek	485.4
Conclave, papal eccles. pol.	262.13	<sup>3</sup> other lang.	
Concord, battle Am. revol.	973.3311	<b>Conditions influencing ani-</b>	
philosofy	191.3	mal temperature	<b>612.54</b>
Concordances, Bible	220.2	Condits	
<sup>2</sup> special, see subject		electric lines	621.319233
Concordat eccles. polity	262.13	subsurface roads	625.78
internat. law	341.2	telegraf	654.4
Concrete		ventilation	697.9
building material	691.3	waterworks	628.14
ceilings	721.75	<b>Conduct of life ethics</b>	<b>170</b>
chemic technology	666.8	Conduction electricity	537.22
construction	693.5	heat	536.2
engineering material	620.136	Conductivity of rocks geol.	551.14
floors architecture	721.62	<b>Conductors elec. eng'ng</b>	<b>621.3193</b>
fortifications mil. eng.	623.123	Condylarthrosis anat.	611.72962
foundations	721.13	Cone modern geometry	513.53
pavements engin'g	625.84	solid	513.42
piers and colums	721.33	Confecionery	641.85
reinforced engineering	620.137	adultera.	614.311
roofing	695.6	Confederacy, daughters of	369.175
roofs architec.	721.52	Confederate	
sidewalks pavements	625.8	navy U. S. civ. war	973.757
village houses	728.64	states of Amer. formd	973.713
walls	721.23	civ. war	<b>973.7</b>
see also special structures		survivors association	369.171
Concretion geologic agent	551.98	veterans	369.172
Concubinage sex customs	392.6	united	369.174
Concussion injuries	617.21	united sons of	369.173
of brain physi.	612.82455	Confederation	
Condemd books rarities	098	American colonies	973.318
Condensation		<b>Canadian provinces</b>	<b>971.05</b>
action of heat	536.44	form of state	321.022
of effluvium sanit. eng.	628.523	North German	943.081
vapor pneumatics	533.1	of the Rhine	943.06
Condensed milk dairy	637.1	1783-89 U. S. history	973.318
pub. helth	614.324	Conference meetings, church	264.7
Condensers chemistry	542.48	Conferences	
electricity	537.24	legislativ procedure	328.3742
elec. engin'g	621.315	library	<b>020.6</b>
steam	621.1976	on candidates suffrage	323.233
telephone	621.3865	Confession	
Condensing engines	621.11252	and absolution sacram'ts	265.6
pump pneu.	533.83	Augsburg creeds	238.4
Condens milk dairy	637.1	auricular sacram'ts	265.6
pub. helth	614.324	Confessional Roman ch.	282
Condillac French philos.	194.3	<b>Confessions creeds</b>	<b>238</b>
Condimental herbs	635.7	of faith ritual	264.5
		Confidence practises	174.6

Confinement			
punishment	crim. law	343.2	
	schools	371.56	
solitary, crim. law		343.2	
prison disciplin		365	
Confirmation	sacraments	265.2	
Conflagrations		<b>614.84</b>	
Conflict of duties		171	
laws intern. law		341.5	
Conformity	Anglican ch.	283.42	
Confucianism	religion	299.5	
Confucius	Chinese philos.	181.1	
Congelation	physics	536.43	
Congenital			
defects of body	hyg.	613.91	
	teratol.	611.012	
distortions	surgery	617.39	
Congestion of the lungs	dis.	616.242	
Conglomerate	lithology	552.51	
Congo, <i>see</i> Kongo			
Congregation	eccle. polity	262.2	
Congregational church		285.8	
creed		238.5	
orders		262.19	
singing		783.9	
Congregationalism	sects	285.8	
Congregationalists	lives	<b>922.5</b>	
Congress			
of nations	intern. law	341.1	
Vienna	Europ. hist.	940.8	
	internat. law	341.1	
U. S.	legisl. bodies	<b>328.73</b>	
Congresses, library		020.63	
<sup>2</sup> see also special subject			
Congressional debates, U. S.		328.732	
directories		328.738	
docu. U. S.		328.734	
Congreve, W:	Eng. drama	822.46	
Conic			
sections	analyt. geom.	516.22	
	geometry	513.22	
projections	descrip. geom.	515.4	
	spheric "	515.56	
Conicoids	analytic geom.	<b>516.42</b>	
Conics	" "	516.53	
	modern "	513.53	
Coniferæ	botany	585.2	
Conium	nervous depress.	615.786	
Conjugate forms	invariants	512.88	
Conjugatæ	botany	589.61	
Conjugation	Eng. gram.	425.18	
	Fr. "	445.18	
	Ger. "	435.18	
	Gk "	485.18	
Conjugation	Lat. gram.	475.18	
<sup>3</sup>	other lang.		
Conjunctions			
etymology	English	422.9	
	Greek	482.9	
	Latin	472.9	
<sup>3</sup>	other lang.		
solar system		523.23	
syntax	English	425.9	
	Greek	485.9	
	Latin	475.9	
<sup>3</sup>	other lang.		
Conjunctiv			
mood, etymology	Greek	482.8	
	Latin	472.8	
<sup>3</sup>	other lang.		
syntax	English	425.8	
	French	445.8	
	Greek	485.8	
mood, syntax	Latin	475.8	
<sup>3</sup>	other lang.		
Conjunctiva	anatomy	611.8411	
	eye diseases	617.71	
	physiology	612.8411	
Conjuring	sorcery	133.4	
Connaraceæ	botany	583.31	
<sup>1</sup> Connaught, Ire.	history	941.7	
Connecticut, U. S.			
Arnold in	Am. revol.	973.3377	
<sup>1</sup> history		<b>974.6</b>	
	For military history see subdivisions of Special campaigns and Military history under 973.3, 973.7 and 973.89		
Pequot war		973.22	
travel		917.46	
Tryon in	Am. revol.	973.3351	
Connections, volt. cell eng.		621.3526	
Connectiv tissue	anat.	611.76	
	diseases	616.77	
	histol.	<b>611.0182</b>	
Conquest			
international law		341.3	
Norman	Eng. hist.	<b>942.02</b>	
of Greece by Rome		938.08	
Mexico by Spain		972.02	
territorial	pol. sci.	320.1269	
Conrad 1	Ger. history	943.022	
2	" "	943.023	
3	" "	943.024	
4	" "	943.025	
Consanguinity	law	347.6	
	physiol.	612.607	
Conscience, H.	Dutch fic.	839.3355	
Conscience	ethics	171.6	

Consciousness	philosofy	126	Constitution		
Conscription	mil. science	355.2	of '57	Mex. history	972.06
	U. S. history	973.7414	ship	U. S. war of 1812	973.5251
Consecration		265.9		captures by "	973.5257
	sermons	252.7	United States	history	973.4
Conservation of				law	342.73
energy	physics	531.6	Constitutional		
fertilizers		631.812	act, Canada	under	971.03
forces	physics	531.6	conventions		342
national resources		333	diseases		616.9
Conservatism			history		342
Conservatories	architec.	728.98	law		342
	music	780.7	monarchy	pol. sci.	321.7
	plants	716.3	Constrained attitude	hyg.	613.65
Consols	Eng. finance	336.42	Construction		
<sup>3</sup> Consonants	language	421.3	aircraft	aerostation	629.16
	physiology	612.7894		aviation	629.18
Conspiracies	'crim. law	343	architectural		721
Constables		352.2	archit		721.4
Constance, council of			carpentry		694
	1414-8, Hussites	284.3	library buildings		622.35
	religious history	270.5	masonry		693
Constant de Rebecque		843.63	systems	shipbuilding	623.84
Constant			Consular		
current analysis	chem.	545.311	reports		382
	syst. arc light	621.3252	systems	intern. law	341.8
	transformers	621.31432	Consulate, 1st	Fr. hist.	944.046
potential syst.	arc. light	621.3253	Consuls		327
	transformers	621.31431	Consulting librarian		623.4
speed motors		621.313245	Consumers leag		331.8
voltage analysis	chem.	545.312	Consumption		
Constantine the Great			final	pol. econ.	339
	Byzant. hist.	949.501	fuel	steam engin'g	621.1823
Constantinople			compar. "	"	621.1824
<sup>1</sup> history		949.61	lung diseases		616.246
Latin conquest		949.503	Consumptiv assn	cooperat.	334.5
travels		914.961	Contagious diseases		
Turkish conquest		949.504	domestic economy		648.6
Constantinopolitan creed		238.1	pathology		616.91
Constants	earth	525.1	pub. helth, general		614.4
	electricity	537.51	special		614.5
	moon	523.31	Containers	elec. eng.	621.3521
	sun	523.71		prac. chem.	542.23
Constellation, ship	U.S.hist.	973.45	Contemplativ	pers. religion	248
Constellations	astronomy	523.89		sisterhoods	271.96
Constipation	pathology	616.34		theology	242
Constituencies	suffrage	324.22	Contested		
Constitution			elections	legislativ bodies	328.3358
and bylaws	lib. econ.	623.1		suffrage	324.277
centennial	U. S. hist.	973.85	legislation		328.3744
day school	observ.	371.365	Conti, Augusto	Ital. essays	854.83
English law		342.42	Contingent vote	suffrage	324.224
of matter	metaphysics	117	Continence	ethics	176.3
	physics	530.1			

Continental			Conus medullaris anat.	611.8216
code elec. engin'g	621.382153		Convection heat	536.2
congress U. S. hist.	973.312		Convent educa. of women	376.5
leg. bod.	328.73		labor polit. econ.	331.53
heraldry	929.6		Convention eccles. polity	262.4
protestant sects	284		French hist.	944.043
travels	914		Conventional	
Continents phys. geog.	551.41		forms decoration, painted	729.44
Continuation schools	374.8		relief	729.54
Continued fever, simple	616.926		<b>Conventions polit. parties</b>	<b>329</b>
Continuous			see also special subjects	
current machinery eng.	621.3132		Convents	271
systems transmission	621.319122		architecture	726.7
train telegrafy	621.38425		Conversation	
truss bridgebldg	624.33		art of	374.1
<sup>1</sup> Contra Costa co. Cal. hist.	979.463		ethics	177.2
Contraband of war int. law	341.3		library staff rules	023.91
Contrabass tuba wind	788.48		rooms lib. bildings	022.661
Contrabasso stringd	787.4		self education	374.1
Contract			table	642.48
labor pol. econ.	331.54		Conversion personal relig.	248
prisons	365		revivals	269
Contractility			Converter	
of bile ducts physiol.	612.3577		panels elec. eng.	621.31726
hart	612.171		substations " "	621.31264
spleen	612.413		Converters elec. engin'g	
Contraction			<b>alternating current</b>	<b>621.3135</b>
muscular histology	611.01864		direct	621.31325
of muscles physiology	612.741		frequency, asynchronous	621.31367
Contractions shorthand	653.1		phase	621.31368
Contractors liability bldg	692.9		Conveyances law	347.2
Contracts			Conveyancing realty	347.2
blding	692.4		<b>Conveyers engineering</b>	<b>621.867</b>
ethics	174.7		fuel	621.18378
law	347.4		Conveying	
marriage family law	347.6		<b>machinery</b>	<b>621.86</b>
teachers	371.142		hydraulic "	621.264
<b>wage scales pol. econ.</b>	<b>331.22</b>		pupils central plan	379.175
Contravariants algebra	512.88		Convict labor pol. econ.	331.51
Contreras, battle Mex. war	973.6238		Convicts criminal law	343
Contributions			discharged reform	364
election suffrage	324.273		Conviviality social cust.	394.1
library rules	023.93		Convocation eccles. polity	262.4
Control			<b>Convolutions anatomy</b>	<b>611.8131</b>
devices electric stations	621.317		physiol.	612.825
fertilizer frauds	631.818		Convolvulaceæ botany	583.78
over administration	351.9		Convulsions diseases	616.8451
systems elec. traction	621.3344		puerperal	618.75
<b>Controversial divinity</b>	<b>230</b>		Conway cabal Am. revol.	973.349
sermons	252.2		<b>Cook books dom. econ.</b>	<b>641.5</b>
Contused wounds surgery	617.142		<sup>1</sup> co. Ill. history	977.31
Contusions surgery	617.13		<b>Cookers kitchen equip.</b>	<b>643.33</b>
Conundrums amusem'ts	793		Cookery	
<sup>5</sup> Eng. lit.	828		dietetics	613.2

- Cookery  
  **domestic economy** 641.5  
  esthetics of dom. econ. 641.01  
  of diff. materials " 641.6  
  **processes** 641.7  
Cooking schools 641.07  
Cooks domestic economy 647.25  
<sup>1</sup>Cook's island history 996.2  
Coolies 326.2  
Cooling towers steam eng. 621.19764  
Cooper, A. A. Eng. essays 824.51  
  J. F. Am. fiction 813.24  
<sup>1</sup>Cooper co. Mo. history 977.851  
  Union education 374.9  
Cooperage manufactures 674  
Cooperation lib. econ. 021.64  
  lit. methods 029.1  
  **polit. econ.** 334  
Cooperativ  
  bilding associations 334.1  
  cataloging lib. admin. 025.3  
  housekeeping 647.93  
  insurance 334.3  
Coordinates  
  anal. geom. of space 516.34  
  **geografic** 525.4  
  modern anal. geom. 516.51  
  plane " 516.14  
  **spheric astronomy** 522.7  
Coordination physiology 612.82934  
Coornhert, D. V. Dut. poetry 839.3126  
<sup>1</sup>Coos co. N. H. history 974.21  
Copaiba diuretics 615.761  
<sup>1</sup>Copenhagen history 948.9  
  travel 914.89  
Copepoda articulates 595.34  
Copernican theory astron. 521  
Copiers lib. economy 025.154  
  offis equipment 652  
Coplas de Mingo Revulgo  
  Spanish satire 867.2  
Coppée, F. E: J. Fr. drama 842.88  
  " poetry 841.85  
Copper  
  coins money 332.41  
  drugs 615.256  
  engraving 762  
  **implements archeol.** 571.34  
  inorganic chemistry 546.56  
  led accumulators 621.35556  
  manufacture 671  
  metallic poisons 615.929  
  metallurgy 669.3  
  mineralogy 549.2  
Copper  
  mining prehist. archeol. 571.31  
  ores economic geology 553.43  
  roofing 695.4  
  toxicology 615.929  
Copperas disinfectant 614.488  
Coptic church sects 281.7  
<sup>4</sup> language 493.2  
<sup>5</sup> literature 893.2  
Copts history 962  
Copulation embryology 611.0132  
  physiology 612.613  
Copy and proof lit. meth. 029.6  
Copybooks elem. educat. 372.51  
Copying processes writing 652  
Copyists' occupation, hygiene 613.65  
Copyright books lib. aid 021.842  
  international law 341.5  
  law 347.7  
  **publishing** 655.6  
Coquetry ethics 177.6  
Coquillart, G. Fr. poetry 841.23  
Coracoacromial ligaments 611.72724  
Coracobrachialis anat. 611.73722  
Coracoclavicular joint " 611.72724  
Coracoid process " 611.7173  
Coral reefs geology 551.96  
Corallines algae 589.3  
Corals zoology 593.6  
Cor-Anglais wind instr. 788.7  
Cord machine physics 531.83  
  **spinal anatomy** 611.82  
  **physiology** 612.83  
Cordage manufacture 677  
Cordials liquors 663.5  
Cordilleras description 918  
<sup>1</sup>Corea history 951.9  
Cores, field elec. eng. 621.316  
Coriariæ botany 583.298  
Corinth, Miss. battle 973.7334  
  siege 973.7325  
Corinthia ancient hist. 938.7  
Corinthians 1 epistles 227.2  
  2 " 227.3  
Corium anatomy 611.778  
<sup>1</sup>Cork, Ireland history 941.95  
  travel 914.195  
Corkborers chemistry 542.25  
Corliss engin 621.1644  
Corn agriculture 633  
  duty on 337.5  
  laws 337.5  
  trade pol. econ. 338.1  
Cornaceæ botany 583.497

Cornea	anatomy	611.8413	Corpuscles	chemistry	541.2
	eye-diseases	617.71		red physiol.	612.111
	physiology	612.8411		white "	612.112
Corneille, P:	Fr. drama	842.41	Corpuscular theory of light		535.1
T:	" "	842.43		matter	530.1
Cornelius Agrippa	philos.	189.5	<b>Correction, houses of</b>		364
Cornell university		378.747		arch.	725.63
Cornet	wind instrum.	788.3	Corrections		
Cornises	archit. construc.	721.27	<b>astronomy</b>		522.9
	" design	729.31	by readers	lib. economy	024.81
<sup>4</sup> Cornish language		491.67	gravity experiments		526.73
pumps	mine drainage	622.53	of orbit	astronomy	521.35
Corns	dermatology	616.54	perspectiv		515.66
<sup>1</sup> Cornwall, England	hist.	942.37	Correlation		
Cornwallis' surrender		973.3375	method of teaching		371.363
Corollifloræ	botany	583.5	of figures	mod. geom.	513.57
Corona of sun		523.75	forces	physics	531.6
Coronado	discov. of Am.	973.16	Correspondence		
Coronariæ	botany	584.3	<b>autobiography</b>		920
Coronary			commercial		658
arteries	anatomy	611.1322	<sup>5</sup> English literature		826
	physiology	612.1721	letter writing		808.6
gastric artery	anatomy	611.13643	library administration		025.15
nervs	"	611.8393	logic		169
valv	"	611.12665	methods of teaching		374.4
Coronation	ceremonies	394.4	modern geometry		513.57
Coroners	law	347.96	natural theology		219
	local gov't	352.9	schools	self education	374.4
Corpora albicantia	anat.	611.8142	shorthand		653.042
cavernosa	"	611:645	Swedenborgian		289.4
quadrigemina	"	611.8153	<sup>1</sup> Corrèze, France	history	944.67
Corporal punishment		371.55	Corridors	lib. bildings	022.681
Corporate industries		338.7	Corrosion	chemistry	541.39
Corporation, city	admin.	352.003		eng. materials	620.1122
<b>Corporations</b>		360		steam boilers	621.1965
	business	380	Corrosiv		
	charitable	361	sublimate	antiseptics	615.778
	law of	347.1		drugs	615.258
	mining	622		pestifuges	648.7
	<b>municipal</b>	352		toxicology	615.927
	railroad	385	Corrugator supercillii	anat.	611.7325
Corps			Corruption		
army	U. S. civ. war	973.7416	<b>electoral suffrage</b>		324.27
judicial	univ. admin.	378.113	official	ethics	172.2
Corpulence	disease	616.39	Corsets	hygiene	613.484
	physiology	612.3977	Corsica, Italy, anc. hist.		937.9
Corpus			<sup>1</sup>	mod. "	945.9
callosum	anatomy	611.8139	Cortereal, G.	discov. of Am.	973.16
	physiology	612.8261	M.	" " "	973.16
luteum	anatomy	611.652	Cortés, H.	" " "	973.16
	embryology	611.01317		Mex. history	972.02
spongiosum	anatomy	611.646	<b>Cortex, cerebral</b>	<b>anatomy</b>	611.8131
striatum	"	611.8132		physiol.	612.825
	physiology	612.8261			

- Corticine dom. economy 645.1  
lib. " 022.961
- Corti's fibers anatomy 611.8522  
physiology 612.8584  
ganglion anatomy 611.89181  
organ " 611.8522  
physiology 612.8584
- <sup>1</sup>Cortland co. N. Y. hist. 974.772
- Corundum econ. geol. 553.65
- Corvée pol. econ. 331.57
- Coryza diseases 616.205
- <sup>1</sup>Coshocton co. O. history 977.165
- Cosmetics adulterations 614.354**  
toilet 646.7
- Cosmic dust astronomy 523.16  
philosophy metaphys. 113  
time chronology 529.77
- Cosmogony metaphysics 113  
natural theol. 213
- Cosmography phys. geog. 551.4**
- Cosmology metaphysics 113**  
natural theol. 213
- Cossa, Pietro Italian drama 852.82
- Cossacks Russian hist. 947
- Cost bilding 692.5  
dom. econ. food 641.31  
general 647.1  
fertilizers 631.817  
keeping accounts 657  
of college education 378.38  
**political economy 338**
- Costa, I: da Dutch poetry 839.3155  
Paolo Ital. essays 854.71  
S: Dutch drama 839.3233
- <sup>1</sup>Costa Rica hist. 972.86
- Costal cartilages anatomy 611.7125
- Costanzo, A. di Ital. poetry 851.41
- Coster hist. of printing 655.112
- Costivness diseases 616.34
- Costocervical artery anat. 611.1346
- Costochondral joints " 611.723
- Costoclavicular ligam. " 611.7271
- Costosternal joints " 611.723
- Costovertebral " 611.722
- Costume academic 378.29  
ecclesiastic 247.7  
fashion maga. 646.05  
**hygiene 613.48**  
military 355.14
- Costumes 391**
- <sup>1</sup>Côte d' Or, France hist. 944.42
- Co-tenancy law 347.2
- <sup>1</sup>Côtes du Nord, Fr. hist. 944.12
- Cottages, laborers archit. 728.68  
mountain " 728.7  
seaside " 728.7
- Cotters fastenings 621.883
- Cottoid fishes zoology 597.5
- Cotton  
agriculture 633  
clothing hygiene 613.481  
domestic economy 646.11  
dyeing chem. technol. 667.3  
expos. internat. U.S.hist. 973.84  
manufactures 677  
mills architecture 725.41  
trade agricul. prod. 338.1  
worm pests 632
- Cottonseed  
meal fertilizers 631.847
- Cotyloid cavity anatomy 611.7181
- Couches dom. economy 645.42
- Coughing physiology 612.219
- Coughs and colds pathol. 616.205
- Coulometers elec. eng. 621.3744
- Council  
<sup>1</sup> Bluffs, Ia. history 977.7711  
ecclesiastic polity 262.4  
ecumenic eccles. pol. 262.5  
**relig. hist. 270.2**  
general Fr. loc. gov't 352.0442  
**history, religious 270**  
municipal Fr. loc. gov't 352.0448  
of state French admin. 354.4405  
Ger. " 354.4308  
privy Eng. " 354.4204
- Counsel, christian relig. 241
- Counterfiting law 343  
pol. econ. 332.9
- Counterirritation therapeut. 615.771
- Countermines mil. eng. 623.36
- Counterpoint music 781.4
- Counterpoise bridges 624.82
- Counters telephone stations 621.38798
- Countervallation mil. eng. 623.22
- Country  
**homes architecture 728.6**  
of poor " 728.12  
inns " 728.53  
laboring class in special 331.819  
life 630  
mortality pub. helth 614.145  
schools 379.173  
seats architecture 728.8  
vs city colleges 378.153
- County  
**government admin. 352**

County			
government	Eng. admin.	352.0421	
histories	British	942	
	U. S.	974-979	
Couplings			
power transmission		621.825	
railroad engineering		625.25	
Coups d'état	pol. sci.	321.094	
Courage	ethics	179.6	
Courier de Méré, P.L.	Fr. lit.	844.63	
<sup>1</sup> Courland, Russia	hist.	947.4	
Course			
length of	college	378.241	
	school	371.253	
Courses			
belt walls		721.25	
curriculum		375	
of reading	lib. econ.	028.3	
Court			
baron	English law	347.99	
etiquet	customs	395	
fools	"	394.2	
houses	architecture	725.15	
of arbitration		341.1	
claims	U. S. law	347.99	
star chamber	Eng. law	347.99	
reporting	shorthand	653.046	
supreme	U. S. law	347.99	
university administration		378.113	
Courtesy	ethics	177.1	
	lib. staff rules	023.96	
Courts			
administration		351.94	
authority of		340	
ecclesiastical		262.9	
history of		347.99	
martial		344	
of honor	mil. science	355.13	
inquiry	" "	355.13	
organization		347.97	
Courtship	ethics	177.6	
Cousin	eclecticism	148	
	French philos.	194.7	
Cousins, marriage of	law	347.6	
Coutumes	French law	349.442	
Covariants	higher algebra	512.88	
Covenant meetings	pub. wor.	264.8	
	Scotch creeds	238.5	
Covenanters	relig. hist.	274.1	
	Scot. "	941.06	
Covenants for titles	law	347.2	
	religious creeds	238	
Coventry plays	Eng. drama	822.12	
Covering, steam pipe		621.1856	
Coverture	law	347.9	
Covetousness	ethics	179.8	
Cowardis	"	179.6	
Cowley, A.	Eng. poetry	821.46	
Cowpens, S. C.	Am. revol.	973.3372	
Cowper, W.	Eng. poetry	821.65	
Cowper's glands	anat.	611.627	
Cowpox	diseases	616.913	
Cows	diseases of	619.2	
	domestic animals	636.2	
	zoology	599.7	
Coxae, os	anatomy	611.7181	
Cozzens, F: S.	Am. humor	817.36	
Crabs	fishery	639.5	
	zoology	595.36	
Cradle songs	folklore	398.8	
	music	784.4	
Cramming	examinations	371.27	
Cramp	diseases	616.87	
Cranberries		634.7	
Cranes and elevators	eng.	621.87	
	hydraulic machinery	621.263	
Cranial			
bones	anatomy	611.715	
ganglions	"	611.891	
nervs	"	611.831	
	physiology	612.819	
sutures	anatomy	611.7141	
Craniidæ	zoology	594.8	
Craniology	nat. hist. of man	573.7	
Cranium	anatomy	611.715	
	base of "	611.7143	
Crannoges	prehist. dwel.	571.83	
Crashaw, R:	Eng. poetry	821.42	
<sup>3</sup> Crisis	" lang.	421.2	
Crassulaceæ	botany	583.39	
Craters	seismology	551.21	
Crates	Greek filosofers	183.4	
Crawfish	fishery	639.5	
	zoology	595.37	
<sup>1</sup> Crawford co. Ill.	history	977.375	
	travels	917.7375	
<sup>1</sup>	Ind. history	977.228	
<sup>1</sup>	Ia. "	977.745	
<sup>1</sup>	Mich. "	977.477	
<sup>1</sup>	Mo. "	977.862	
<sup>1</sup>	O. "	977.127	
<sup>1</sup>	Pa. "	974.897	
<sup>1</sup>	Wis. "	977.574	
Crayfish	fishery	639.5	
	zoology	595.37	
Crayon drawing		741	
Cream	adulterations	614.324	
	of tartar "	614.315	



Creameries	agriculture	637	Cries, battle	war customs	399
<b>Creation</b>	<b>evolution</b>	<b>575</b>		street folklore	398.5
	metaphysics	113	Crime and illiteracy	educ.	379.21
	natural theol.	213		law	343
<b>Creativ power</b>	<b>ment. facul.</b>	<b>155</b>		suffrage disqualificat'n	324.173
Creator	doctrinal theol.	231.1	<sup>1</sup> Crimea	history	947.7
Crébillon, C.P.J.de, fils	Fr.fic.	843.55	Crimean war	English hist.	942.08
	P.J.de Fr.drama	842.52		Russian "	947.07
Crèches	institutions	362.7	Crimes and punishments		343.2
Credentials			Criminal		
	academic	371.291	classes	reform. assoc.	364
	<b>higher</b>	<b>378.2</b>	courts	administration	351.945
	electoral	324.243	<b>law</b>		<b>343</b>
	legislativ bodies	328.36		international	341.4
Credibility of Scriptures		220.1	trials	criminal law	343.1
Credit			Criminals		
	and bonds insurance	368.8	education of		371.93
	institutes loan instit.	332.31	juvenil childstudy		136.763
	institutions state control	351.825		law	343
	mobilier railroads	385	<b>lives</b>		<b>923.41</b>
	U. S. history	973.82	Criminology		364
	political economy	332.7	Crinoidea	zoology	593.91
Credo	sacred music	783.22	Crises, commercial	econ.	332
Credulity			Criterion	ethics	171
Creeds	Anglican ritual	264.037	Critical philosophy		142
<b>Creeds</b>	<b>dogmatic theol.</b>	<b>238</b>	Criticism	art	701
	public worship	264.5		biblical	220.7
Creek indians	removal	973.55		dramatic	792
Cremaster muscle	anatomy	611.7366		literary	801
Cremasteric fascia	"	611.639		musical	780.1
Cremation				rhetoric	808
	of the ded customs	393.2	<b>Crittenden compromise</b>		<b>973.712</b>
	public helth	614.62	<sup>1</sup> Croatia	history	943.94
Crematories		614.62	<sup>4</sup> Croatian language		<b>491.83</b>
Creole			<sup>5</sup>	literature	<b>891.83</b>
	French dialect	447.9	Crocheting	dom. econ.	646.27
Creosoting	bdg materials	691.1		fancywork	746
Cresting	roofs	721.56	Crockery	pottery	738
Crests	heraldry	929.8	Crocodiles		598.14
Cretaceous era	geology	551.77	Crofton system	prisons	365
	fossils paleont.	<b>560</b>	Croisade contre les Albigeois		
Crete	ancient history	939.18		Provençal lit.	849.122
<sup>1</sup>	modern "	949.98	<sup>1</sup> Cromarty, Scot.	history	941.15
Cretinism	diseases	616.997	Cromlechs	prehis. arch.	571.94
<sup>1</sup> Creuse, France	history	944.68	Cromwell, O.	Eng. hist.	942.064
Creutz, G. F.	Swed. poetry	839.7145		R: " "	942.065
Crevasses	glaciers	551.31	Crookes tubes	elec. light.	621.3277
Crewel work	art needlewk	746	Crop insurance		368.5
Crib			Crops	agriculture	633
	open architec. foundations	721.172	Croquet		796
Cribbage	games	795	Cross (G: Eliot)	Eng. fic.	823.88
Cribbing	student life	371.81	Cross arms	elec. lines	621.319224
Cricket	amusements	797		Christian symbol	247.9

Cross, legends concerning	398.2	Crystallin	
system shorthand	653.36	aggregations crystallog.	548.2
Crossings, railway eng.	625.16	lens anatomy	611.8441
Crossopterygii	597.4	physiology	612.8441
Croton aqueduct engin'g	628.14	limestone	552.46
oil toxicology	615.93	state chemistry	541.7
Croup diseases	616.201	Crystallization	
Crown		practical chemistry	542.65
appointments to legis. bod.	328.3351	strength of materials	620.1125
Crown Point, N. Y.		Crystallizers prac. chem.	542.65
battle Amer. col. hist	973.26	<b>Crystallografy</b>	<b>548</b>
revol.	973.3314	Crystalloids	541.345
Crowne, J: Eng. drama	822.43	Ctenophora zoology	593.8
Crowning road engin'g	625.74	Cuba	
Crozier sacred furniture	247.6	filibuster exped. U.S.hist.	973.64
Crucial ligaments anat.	611.72831	<sup>1</sup> history	972.91
Crucibles metallurgy	669	Span. misrule U. S. hist.	973.891
prac. chem.	542.232	travels	917.291
Cruciferae botany	583.123	Cubature calculus	517.33
Crucifix sacred furniture	247.9	Cubics analytic geometry	516.59
Cruelty to animals ethics	179.3	modern "	513.59
children "	179.2	Cubital nerv anatomy	611.8336
Cruisers naval eng.	623.825	Cuboid bone "	611.71875
Cruising boating	797	Cuboidcuneiform joints "	611.72855
<b>Crura cerebri anatomy</b>	<b>611.8154</b>	Cucurbitaceae botany	583.461
Crural muscle anat.	611.73822	Cuffs toilet	646.48
nerv, anterior "	611.8355	Culdees religious history	274.1
of Winslow "	611.83561	Cultivated plants horticult.	716
<b>Crus cerebri "</b>	<b>611.8154</b>	Cultivation, land rent for	333.5
Crusade, children's	940.4	Cults, religious cookery	641.567
Crusades Europ. history	940.4	Culture	301
relig. "	270.4	Culture and religion	261.6
Crusenstolpe, M. J. Swed. fic.	839.7362	self education	374
Crushers chem. apparatus	542.22	vocal	784.9
hydraulic mach.	621.26	Culverins ordnance	623.4211
Crushing mining danger	622.83	Culverts	
ore preparation	622.73	railway engin'g	625.13
Crust of the earth geol.	551.13	Cumberland, R: Eng. dram.	822.65
Crusta anatomy	611.81542	<sup>1</sup> Cumberland, Md. history	975.295
Crustacea paleontology	565.3	<sup>1</sup> co. Eng. "	942.85
zoology	595.3	<sup>1</sup> Ill. "	977.373
Crustaceans fisheries	639.5	travels	917.7373
Cruz, R. de la Span. drama	862.43	<sup>1</sup> Me.history	974.19
San J. de la Span. misc.	868.34	<sup>1</sup> N. J. "	974.994
Crying physiology	612.219	<sup>1</sup> N. S. "	971.611
Cryoscopy		<sup>1</sup> Pa. "	974.843
of blood physiol.	612.11817	army of U. S. hist.	973.7416
organic fluids "	612.0144622	presbyterians sects	285.3
solutions chem.	541.341	Cumulativ	
urin physiol.	612.461179	vote suffrage	324.223
<b>Cryptogamia</b>	<b>586</b>	Cuneatus, fasciculus anat.	611.8182
Cryptografic art relig. art	246.5	Cuneiform	
Cryptografy secret writ.	652	ankle bones "	611.71878
		inscriptions	492.1917

Cuneiform			Curvs	
<sup>4</sup> language	492.19		plane, theory of calculus	517.24
wrist bones anatomy	611.71773		railway engineering	625.11
Cuneus anatomy	611.81317		roadmaking	625.72
Cupboards dom. economy	643.48		Cushions dom. economy	645.47
Cupel prac. chemistry	542.42		Custard apple family agric.	634.41
Cupola furnace " "	542.42		Custom houses archit.	725.14
Cupping therapeutics	615.811		Customs	
Cups bronze age	571.37		and duties tariff	337
stone " "	571.27		manners	390
Cupuliferæ botany	583.976		bad social hygiene	613.87
Curare poisons physiol.	612.8171		of primitiv man	571
toxicol.	615.97		war	399
Curativ electricity therap.	615.84		student life	371.89
gymnastics " "	615.82		taxation	336.26
Curbs road engin'g	625.888		Cutaneous	
Cures, miraculous miracles	231.7		absorption physiology	612.384
therapeutics	615.85		diseases pathology	616.5
Curia regis	347.99		glands physiology	612.792
Curing			nerv of neck anatomy	611.83333
food preserv. chem. tech.	664.8		thigh " "	611.83544
dom. econ.	641.4		respiration physiology	612.793
Curiosa books	099		secretion " "	612.792
library economy	020.88		sensibility " "	612.794
Curiosity			Cutaneous surae lateralis	611.83582
Curling amusements	796		Cuticle anatomy	611.771
Currency banking	332.5		Cutis vera " "	611.778
Current collecting devices	621.3344		Cutlery manufacture	672
suspension wheels	621.234		Cuts practical printing	655.32
Currents			railway engineering	625.12
atmospheric phys. geog.	551.51		Cutting machinery	621.93
electric physics	537.6		of stone masonry	693.12
oceanic phys. geog.	551.47		Cuttle fish	594.5
Curriculum	375		<sup>1</sup> Cuyahoga co. O. history	977.131
Cursors birds	598.5		Cyane, capture of U. S. hist.	973.5257
Curtains dom. economy	645.3		Cyanids chem. tech.	661.7
fortifications	623.116		narcot. poisons	615.963
Curtius Rufus, Quintus	878.8		Cyanogen organ. chem.	547.1
Curv tracing calculus	517.24		Cycadaceæ botany	585.9
Curvature			Cyclades ancient history	939.15
geology	551.82		modern " "	949.95
of spine diseases	616.73		Cyclanthaceæ botany	584.62
stomach, greater anat.	611.335		Cycles, motor engin'g	629.2
lesser " "	611.336		Cycling	796
Curvd surfaces anal. geom.	516.4		Cycloidal curvs anal. geom.	516.26
theory of calculus	517.26		Cyclones meteorology	551.55
Curvembryæ botany	583.91		Cyclopean remains Gk arch.	722.8
Curvilinear motion physics	531.3		Cyclopedias, general	030
Curvs			<sup>2</sup> special, see subject	
analytic geometry	516.2		Cyclops zoology	595.31
geometry	513.2		Cyclostomi " "	597.2
of double curvature			Cylinder	
modern anal. geom.	516.58		axis histology	611.01883
" geom.	513.58		bridge engineering	624.4

Cylinders			Da Caccia	wind instrum.	788.7
foundations	architec.	721.172	Dacia	ancient history	939.82
solid geometry		513.43	Dacites	lithology	552.26
graduated	prac. chem.	542.35	<sup>1</sup> Dade co. Mo.	history	977.8745
perspectiv		515.65	Daguerreotype		772
steam locomotiv		621.1341	Dahlstjerna, G.E.		839.7135
strength of materials		620.11283	<sup>1</sup> Dahna, Arabia	history	953.7
Cylindric			<sup>1</sup> Dahomey, Africa	"	966.8
perspectiv	descr. geom.	515.62	Dairies	architecture	728.96
projections	" "	515.57	Dairy	farming	637
vaults	architecture	721.43	products	adulteration	614.32
Cymbals	mus. instrum.	789.2	chem. anal.		543.2
Cymric group of languages		491.65	Dais	architec. accessories	729.9
<sup>4</sup>	language	491.66	<sup>1</sup> Dakota, U. S.	history	978.33
<sup>5</sup>	literature	891.66	travel		917.83
Cynewulf	Ang. Sax. poet.	829.4	Dalin Olof von		839.7142
Cynic philosophy		183.4	<sup>1</sup> Dallas co. Ia.	history	977.757
Cynicism			Mo.	"	977.881
Cyperaceæ	botany	584.84	<sup>1</sup> Dalmatia, Ger.	history	943.69
Cypher writing		652	travel		914.369
Cypriote	architecture	722.3	Daltonism	eye diseases	617.75
Cyprus	ancient history	939.37	physiology		612.8455
<sup>1</sup>	modern "	956.4	Damascus	anc. history	939.42
Cyrano de Bergerac, S.		843.46	<sup>1</sup>	modern "	956.9
Cyrenaic philosophy		183.5	travel		915.69
Cyrenaica	ancient history	939.75	Damnation	doct. theol.	237.6
Cystic			D'amore	wind instrum.	788.7
artery	anatomy	611.13641	Dampers	steam eng'ng	621.18382
duct	"	611.366	Dams	mill engineering	621.29
nervs	"	611.8393	mining	"	622.56
vein	"	611.1495	river	"	627.8
Cysts	diseases	616.993	Dana, R: H:	Am. poetry	811.27
Cytinaceæ	botany	583.923	Dance form	piano music	786.45
Cytisin	organ. chem.	547.25	music	modern "	786.46
			of deth	emblems	246.5
			Dances, war	customs	399
			Dancing amusements		793
			customs		394.3
			ethics		175.3
			Dandy fever		616.921
			<sup>1</sup> Dane co. Wis.	history	977.583
			Danes	English history	942.01
			in Eng. and Normandy		948.02
			Dangerous classes	law	343
			Dangers		
			mining engineering		622.8
			to lib. bildings		022.29
			life	protec. against	614.8
			workmen	polit. econ.	331.82
			Daniel	Bible	224.5
			Daniel, S:	Eng. poetry	821.33
			Danish		
			architec.	Romanesque	723.48
			England	Eng. hist.	942.01

- Danish  
<sup>4</sup> language 439.8  
<sup>5</sup> literature 839.8  
 Dante Alighieri Ital. poet 851.15  
<sup>1</sup>Dantzig history 943.12  
                   travel 914.312  
 Danube river travels 914.96  
<sup>1</sup>Danubian prov. history 949.6  
                   travels 914.96  
<sup>1</sup>Danville, Ill. history 977.365  
 Daphnales botany 583.93  
 Darbyites sects 289.9  
 Darc, Jeanne Fr. history 944.026  
<sup>1</sup>Darfur, Egypt history 962.7  
 Darien  
   expedition colonies 325.86  
                   emigrants 325.241  
                   foren trade 382  
<sup>1</sup>  isthmus history 986  
   ship canal engineering 626.9  
 Dark ages Europ. hist. 940.1  
   room lib. bildings 022.658  
<sup>1</sup>Darke co. O. history 977.147  
 Darling, Ft. Va. U. S. hist. 973.7365  
 Darning dom. econ. 646.24  
 Dartmoor prison  
   U. S. war of 1812 973.5271  
 Dartos anatomy 611.6384  
 Darwinism biology 575  
                   physiology 612.609  
 Dass, Peder Dan. poetry 839.8135  
 Date  
   of session legislativ bodies 328.352  
   palm fruit culture 634.6  
 Dates chronology 902  
 Dati, Carlo Ital. essays 854.54  
 Datisceæ botany 583.469  
 Dativ case syntax Greek 485.5  
                   Latin 475.5  
<sup>3</sup>  other lang.  
 Daudet, Alphonse Fr. fic. 843.88  
 Daughters  
   1776-1812, soc. of U. S. 369.142  
   colonial, of 17th century 369.128  
   of the Amer. revolution 369.135  
   Cincinnati, soc. 369.132  
   confederacy 369.175  
   revolution 369.136  
<sup>1</sup>Dauphin co. Pa. history 974.818  
<sup>1</sup>Dauphiny, France hist. 944.96  
                   travel 914.496  
 Daurat, Jean Fr. poetry 841.31  
 Davanzati, B. Ital. essays 854.44  
 Davenant, W: Eng. dram. 822.41  
<sup>1</sup>Davenport, Ia. history 977.7691  
 Davies, J: Eng. poetry 821.35  
<sup>1</sup>Daviess co. Ind. history 977.238  
   Mo. " 977.818  
 Davis, John discov. of Am. 973.17  
<sup>1</sup>Davis co. Ia history 977.797  
<sup>1</sup>Dawson, Yukon " 971.21  
 Day  
   nurseries 362.7  
   of judgment doc. theol. 236.9  
   schools intermed. educ. 373.2  
   sidereal and solar 529.1  
   time of hygiene 613.13  
 Days  
   library rules for readers 024.4  
   market dom. econ. 641.4  
   of the year chronology 529.2  
   week, names 529.2  
   recipes for special 641.566  
<sup>1</sup>Dayton, O history 977.173  
 Deacon eccles. polity 262.15  
 Deaconess " " 262.15  
 Dead sea travel 915.69  
   see also Ded  
 Deaf, *see* Def  
<sup>1</sup>Dearborn co. Ind. hist. 977.211  
 Death, *see* Deth  
 Debates parliamentary 328  
                   rhetoric 808.5  
 Debating soc. self-culture 374.24  
 Debility diseases 616.986  
 Debt, debtor, debts, *see*  
   Det, dettor, dets  
 Decalog Bible 222.16  
 Decantation prac. chem. 542.66  
 Decapitation physiology 612.8227  
                   punishments 343.2  
 Decapods zoology 595.38  
<sup>1</sup>Decatur, Ill. history 977.358  
                   travels 917.7358  
<sup>1</sup>  co. Ind history 977.216  
<sup>1</sup>  Ia. " 977.7875  
 Decay of rocks lithol. 552.7  
 Decidua pregnancy 618.35  
 Decimal  
   system arithmetic 511.1  
   weights and mesures 389  
 Decipium inorgan. chem. 546.692  
 Decision of character eth. 170  
 Decisions of juries math. 519.3  
 Decks  
   shipbilding 623.84  
 Declamation rhetoric 808.5

Declaration			Deer	zoology	599.7
of independence	U. S.	973.313	stalking	sports	799
Savoy creeds		238.5	Def and dumb		
war internat. law		341.3	asylums	architecture	725.54
Declarations	law	347.92	child study		136.7612
Declension of nouns	Eng.	425.15	education of		371.912
<sup>3</sup> other lang.			institutions		362.4
Declination, variations of		521.27	Defacement		
Decline, period of	physiol.	612.67	of books	lib. rules	024.81
Decoction	prac. chem.	542.61	laws		021.89
Decomposition, chem. of		541.39	Defamation	law	347.5
Decoration			Defecation	physiology	612.365
architectural		720	Defectives		
day	U. S. history	973.76	education		371.9
schools		371.365	psychology		136.76
design		740	Defects of body		
domestic economy		645	congenital	hygiene	613.91
in relief	architecture	720.5	surgery		617.3
interior		747	teratology		611.012
library bildings		022.34	Defense		
roof architecture		721.56	means of	comp. physiol.	612.016
school bildings		371.635	of religion	apologetics	239
Decorations	heraldry	929.7	Defenses	fortifications	623.1
table dom. ec.		642.8	Defensiv operations	mil.	623.3
Decorativ art		740	Deferential artery	anat.	611.13772
Decorum	ethics	177.1	<sup>1</sup> Defiance	co. O. history	977.114
libraries		024.52	Defilading	fortifications	623.114
Decrees	ecclesias. polity	262.6	Definit integrals	calculus	517.32
Decretals	" "	262.6	Definitions	library	020.14
Rom. cath. church		282	of orbits	astr.	521.31
Ded			Deflections of beams, etc.		624.2
animals	air pollution	614.763	Deflegmators	prac. chem.	542.48
disposal of the	pub. helth	614.6	Defness	diseases	617.8
list of	U. S. civ. war	973.767	tone	physiol.	612.85874
ministry of	sacraments	265.8	De Foe, D.	Eng. fiction	823.51
sea	description	915.69	Deformation	engin'g	620.1123
transportation of		614.63	Deformities	anatomy	611.012
treatment of the		393	surgery		617.3
Dedication	church ordin.	265.9	Degeneration		
sermons		252.7	evolution		575.7
Deduction by Bessel	geod.	526.47	of nervs	physiology	612.81851
Puissant "		526.48	optic nerv	"	612.84378
mental faculties		153.6	spinal cord	"	612.835
Deductions			toxic, of nerv cells	"	612.82256
wage	pol. econ.	331.1	Degenerations, muscular		612.7465
Deductiv logic		162	Deglutition		
Deeds	law	347.2	effect of facial nerv on		612.81975
Deep			larynx in		612.785
boring	mining eng.	622.24	physiology		612.312
sea dredging	scien. voy.	508.3	Degradation	mil. science	355.114
life	botany	581.92	Degrading	school organiza.	371.28
zoology		591.92	Degrees, academic		378.2
sounding	scien. voy.	508.3	medical	pub. helth	614.21
veins of upper extrem.		611.14541	Deism	natural theology	211

- Deists apologetics 239.5  
**Deity doctrinal theology** 231  
<sup>1</sup>Dekalb co. Ill. history 977.328  
<sup>1</sup> Ind. " 977.277  
<sup>1</sup> Mo. " 977.815  
Deken, Agatha Dutch fic. 839.3342  
Delany multiplex telegraf 621.38236  
telepost telegraf 621.38247  
Delavigne, J.F.C. Fr. dram. 842.72  
" poet. 841.72  
<sup>1</sup>**Delaware, U. S. history** 975.1  
For military history, see sub-  
divisions of Special campaigns  
and Military history under  
973.3, 973.52, 973.7 and  
973.89  
<sup>1</sup>Delaware co. Ind. hist. 977.265  
<sup>1</sup> Ia. " 977.7385  
<sup>1</sup> N. Y. " 974.736  
<sup>1</sup> O. " 977.1535  
<sup>1</sup> Pa. " 974.814  
forts on Am. revol. 973.3337  
<sup>1</sup>Delhi history 954.5  
travels 915.45  
Delille, J. French poetry 841.54  
Delineation  
of child in art childstudy 136.757  
literature 136.758  
women in art 396.7  
literature 396.8  
Delinquencies lib. loans 024.63  
Delinquents  
education 371.93  
institutions 364  
psycho ogy 136.763  
Delirium tremens pathol. 616.861  
Delisle's method astron. 523.93  
Deliveries lib. econ. 021.61  
Delivery stations lib. bldgs 022.16  
<sup>1</sup>Del Norte co. Cal. hist. 979.411  
Delta connections elec. 621.3191332  
<sup>1</sup> co. Mich. history 977.494  
Deltas physical geografy 551.48  
Deltoid muscle anatomy 611.73711  
Deluge Genesis 222.11  
geologic agents 551.92  
**Delusions** 133  
Demagogy politics 329  
Demand and supply prices 338.5  
wages 331.2  
Dementia 132.1  
<sup>1</sup>Demerara history 988  
travels 918.8  
Democracy form of state 321.4  
social 335.5  
Democratic party 329.3  
Democritus Gk filosofers 182.7  
Demografy statistics 311  
Demolition devices mil. 623.27  
Demonetization 332.47  
Demonic possession theol. 235  
Demonology dogmatics 235  
witchcraft 133.4  
Demosthenes Gk oratory 885.6  
Demulcents therapeutics 615.735  
Demurrage transportation 656  
<sup>1</sup>Denbigh, Wales history 942.93  
Dendrites histology 611.018837  
**Dendrology botany** 582.  
Dengue diseases 616.921  
Denials, special apologet. 239.9  
Denina, Carlo Ital. essays 854.62  
Denmark **administration** 354.489  
antiquities 913.489  
architecture 720.9489  
botany 581.9489  
colleges 378.489  
**constitu. law** 342.489  
education 370.9489  
finance 336.489  
geology 554.89  
<sup>1</sup> history 948.9  
laws 349.489  
maps 912.489  
religious history 274.89  
schools, public 379.489  
statistics 314.89  
travel 914.89  
treaties 341.2489  
zoology 591.9489  
other topics see table 1  
Dennis, J: Eng. drama 822.51  
**Denominations, Christian** 280  
Density  
gravity 531.54  
of blood physiology 612.121  
earth astronomy 525.12  
urin physiology 612.46112  
<sup>1</sup>Dent co. Mo. history 977.886  
Dental  
inspection school hyg. 371.712  
periosteum, dis. of 617.63  
pulp, diseases of 617.61  
Dentate nuclei anatomy 611.81713  
Dentatum " 611.81713  
Dentine diseases dentistry 617.62  
**Dentistry** 617.6  
Dentists, registration of 614.24  
Denudation geology 551.3

Deodorants	exter. ther.	615.777	Dermoskeleton	comp. anat.	591.49
Deodorization	of sewage	628.32		descrip. "	591.79
Deodorizers	contag. dis.	614.482	Deroulède, P.	Fr. poetry	841.86
Deontology		170	Derricks	engineering	621.872
Department			Dervishes		297
	s ores	bus. methods	Désaugiers, M:A.M.	Fr. lit.	841.65
Departmental			Descartes	empiricism	144
	commission	Fr. loc. gov.		Fr. philosophy	194.1
Departments	" "	"	Descent	genealogy	929
	lib. admin.	025		of man evolu.	575.8
	U. S. gov.	353.04		rules of law	347.6
Dependent pension bill	U. S.	973.85	Deschamps, Emile	Fr. poet.	841.73
	states	pol. sci.		Eustache " sat.	847.13
Dependents	child study	136.767	Desclot, B.	Catalan misc.	849.9812
	education	371.947	Description	travel	910
	institutions	362.7	Descriptiv		
Dephlegmators	prac. chem.	542.48		anatomy	botany
Depolarized cells	elec. eng.	621.3536			581.7
Depolarizers	" "	621.3524			man
Deposit					611
	of duplicates	lib. econ.			zoology
	money by reader	025.269			591.7
Deposition	geology	551.3		astronomy	523
Depositions	evidence	347.94		geometry	515
Deposits			Desertion from mil. servis		355.114
	thick, working of	min.	Deserts	physical geografy	551.58
Depravity	natural theol.	216	Deshoulières, A.	Fr. poet	841.46
	pessimism	149.6	Design		
	total theol.	233.2		architectural	729
Depressants				arguments from	
	circulatory	therapeutics		apologetics	239
	nervous	"		natural theology	211
Depressions				arts of	740
	industrial	polit. econ.		elementary education	372.52
	trade	commerce		metaphysics	124
	money	332		of library bildings	022.34
	production	338		shipbilding	623.81
Depressor alae nasi	anat.	611.7323	Designing	decoration	745
	labii inferioris	611.7326	Designs	engineering	620.04
	nerv	physiol.		mosaic	architec.
Depth of sewers		628.218			729.7
De Quincey, T:	Eng. essays	824.81	Desk fittings	lib. econ.	022.99
Derangement, mental		132	Desks	domestic	"
<sup>1</sup> Derby, England	history	942.51		library	"
Derivation				offis equipment	651
	of words	comp. philol.	Desmidiaceæ	algæ	589.61
		412	<sup>1</sup> Des Moines city,	Ia. hist.	977.7581
<sup>3</sup>	Eng. language	422		co. " "	977.796
Dermal respiration	zool.	591.122	Desperriers, B.	Fr. fiction	843.32
	physi.	612.793	Desportes, P.	" poetry	841.38
Dermatology	anatomy	611.77	Despotism	form of state	321.6
	animals	591.49	Despots	Italian history	945.05
	pathology	616.5	Despourrins, C.	Prov. poet.	849.142
	physiology	612.79	Dessication	prac. chem.	542.48
Dermis	anatomy	611.778	Destouches, P. N.	Fr. dram.	842.53
			Det		
				ethics	174.7
				floating, pol. econ.	336.32



- Det  
  local government 352.1  
  public 336.3  
**Detacht city houses archi. 728.3**  
  vowels shorthand 653.01  
Detection of fire prot. of life 614.842  
Detectives 352.2  
Deterioration  
  fertilizers agric. 631.814  
Determinants algebra 512.83  
Determination  
  of earth's figure 526.1  
  of orbits astron. 521.3  
  rock minerals 552.81  
**Determinations, astr. geod. 526.6**  
Determinativ mineralogy 549.1  
Determinism doc. theol. 234.9  
  philosophy 159
- Deth  
  after delivery obstetrics 618.79  
  and resurrection 236  
  biology 577.7  
  by electric shock physiol. 612.014425  
  dance of emblems 246.5  
  from cold physiology 612.592  
  heat " 612.591  
  nature of 612.013  
  of fetus pregnancy 618.33  
  penalty criminal law 343.2  
  physiology 612.67  
  rates public helth 614.12  
  theology 236.1  
**Deths public helth 614.12**  
  registers of 929.3  
  registration, official 352.4  
  statistics 312  
Detonators, projectil eng. 623.45424  
Detritus geology 552.51  
<sup>1</sup>Detroit, Mich. history 977.434  
  surrender U.S. hist. 973.5231  
**Dets, state and national 336.4-9**  
Dettmann shorthand 653.34  
Debtor and creditor law 347.7  
Deuteronomy Bible 222.15  
<sup>4</sup>Deutsch, Platt language 439.4  
  literature 839.4  
<sup>1</sup>Deux Sèvres, Fr. history 944.62  
Developing interest in lib. 021.7  
  method teach'g 371.34
- Development  
  incomplete deformities 617.31  
  intellectual, and church 261.5  
  nutrition 591.135  
  of embryo, abnor. anat. 611.012
- Development  
  of embryo, abnor. surg. 617.3  
  anatomy 611.013  
  comp. embry. 591.33  
  physiology 612.64  
  germ-cells zoology 591.172  
  sperm-cells embryol. 611.01312  
  zoology 591.171  
  period of full physiol. 612.66  
  physiology 612.6  
  projections geodesy 526.83  
  theory apologetics 239.8  
  evolution 575.6
- Deviation of  
  compass magnetism 538.7  
  falling bodies astron. 525.37
- Devices, safety, *see* Safety  
  special, perspectiv 515.68
- Devil, personal theology 235  
  worship 290
- Deville  
  gas apparatus chem. 542.72  
  gasometers chem. 542.75
- Devils dogmatics 235
- <sup>1</sup>Devon, England history 942.35  
  travel 914.235
- Devonian age geology 551.74  
  fossils paleon. 560
- Devotional exercises pub. 264.1  
  sermons 252.4  
  theology 240
- Dew meteorology 551.57  
<sup>1</sup>Dewitt co. Ill. history 977.358
- Dextrins physiology 612.39612  
Dextrose chem. technol. 664.1  
Diabase lithology 552.34  
Diabetes diseases 616.63  
  experimental 612.35213  
  urin in physiol. 612.46621
- Diabolism doctrin 235  
Diabolo game of skill 794  
Diacele anatomy 611.8148  
Diafram " 611.26  
  physiology 612.2171
- Diaframic artery anat. 611.1354  
  glands " 611.4641
- Diaframs elec. eng. 621.3523  
Diagnosis of pregnancy 618.22  
  pathology 616.07
- Diagram of work physics 531.42  
Dial switches elec. eng. 621.31733  
  telegrafs communica. 654.3  
  elec. eng. 621.38223
- Dialectics logic 160

<sup>3</sup> Dialects	Eng. language literature	427	Dies	electric manuf.	621.318	
Dialing		529.78		mech. engin'g	621.984	
Dialogs	entertainments	793	Diesel motor	gas engines	621.436	
Dials	chronology	529.78	Diesinking		736	
Dialysis	practical chem.	542.64	Diet circle	Ger. loc. gov.	352.0433	
	qualitativ anal.	544.5		hygiene	613.2	
Diamagnetism	magnetism	538.4	Dietaries	hygiene	613.21	
Diameter of earth		525.13	Dietetic diseases	pathol.	616.39	
Diamonds	econ. geology	553.8	Dietetics	hygiene	613.2	
	mineralogy	549.2	Differences, finite	calculus	517.6	
Diapedesis	physiology	612.1124		of triangles	trigo. 514.8	
Diapensiaceæ	botany	583.65	Differential			
Diaphoretics	therapeutics	615.743		calculus	517.2	
Diaphragm, <i>see</i>	Diafram			equations	calculus 517.38	
<sup>1</sup> Diarbekr, Asiat. Tur.	hist.	956.6		variations	astron. 522.74	
Diaries	biography	920	Differentiation	degrees	378.243	
Diarrhea, epidemic	diseas.	616.934		evolution	575.2	
	pathology	616.34	Diffraction	acoustics	534.2	
	public helth	614.517		optics	535.4	
Diarrheal diseases			Diffuse affections	of skin	616.51	
	pub. helth	614.513	Diffusion			
Diarthrosis	anatomy	611.7296		of gases	physics 533.1	
Diastase	materia medica	615.35		physiology of	absorp. 612.383	
Diastole	physiology	612.171		practical	chemistry 542.63	
Diatessaron	harm. of gosp.	226.1		theoretic	" 541.341	
Diathermancy	heat	536.35	Digastric muscles	anat.	611.7341	
Diatomaceous earth,	petrog.	552.57	<sup>1</sup> Digby co. N. S.	history	971.632	
Diatoms		589.61	Digestion			
Diazo-bodies	org. chem.	547.8		aids to	therapeutics 615.734	
Dice	ethics	175.5		animals	591.132	
	games	795		effects of spleen	physio. 612.4141	
Dickens, C:	Eng. fiction	823.83		history of	" 612.309	
<sup>1</sup> Dickinson co. Ia.	history	977.712		human	physiology 612.3	
<sup>1</sup> Mich.	"	977.495		influence of	vagus phys. 612.819913	
Dicotyledonae	botany	583		intestinal	" 612.332	
Dictation machines		651		of milk	" 612.6647	
Dictatorship		321.6		plants	581.132	
<sup>3</sup> Dictionaries	Eng. lang.	423		practical	chemistry 542.61	
<sup>6</sup>	of quota. Eng. lit.	828		theories of	physiology 612.301	
<sup>2</sup>	special, <i>see</i> subject			tryptic	" 612.342	
Dictionary catalogs			Digestiv			
	bibliography	019		secretion in	animals 591.143	
	library admin.	025.3		system	anatomy 611.3	
Didactic poetry	Am. lit.	811.05			diseases of 616.3	
	Eng. "	821.05			drugs acting on 615.73	
	theology	241			surg. operations 617.43	
Didactics	education	371			tract, absorp. in	physiol. 612.386
Diderot	Fr. philosofers	194.5			sympathet. system 612.898	
Didymium	metals	546.64	Digests			
Dielectrics	dynamic elec.	537.5		of cases, Amer. law	345.5	
Diencefal	anatomy	611.814			Eng. " 346.5	
Diencephalon	"	611.814			statutes, Amer. " 345.3	
					Eng. " 346.3	

- Digitalis cerebro-card. pois. 615.99  
     diuretics 615.761  
     materia medica 615.32381  
     stimulants 615.711<sup>\*</sup>  
 Digits, extra deformities 617.36  
 Dignities heraldry 929.7  
 Dignity of  
   labor polit. econ. 331.013  
 Dikes engineering 627.4  
     geology 551.88  
 Dilatation gases 533.2  
     obstet. oper. 618.84  
 Dilatores nasi anatomy 611.7323  
 Diligence ethics 179.9  
 Dilleniaceæ botany 583.112  
 Diluvial deposits geology 551.35  
 Dimension, fourth geom. 513.8  
     stone foundat. 721.1332  
 Dimensions of earth 525.13  
     lib. bkcases 022.442  
     sun 523.71  
<sup>\*</sup>Diminutives Lat. etymol. 472.5  
 Dimorphism crystallog. 548.3  
 Dingley tariff act U.S.hist. 973.88  
 Dining  
   car cookery 641.576  
   domestic economy 642  
   room dom. econ. 643.4  
     furnish'g " " 645.66  
 Dinner parties " " 642.42  
     recipes " " 641.54  
 Dinners, family " " 642.1  
     public " " 642.45  
 Dinocerata paleontology 569.7  
 Dinosauria reptils 598.19  
 Diocesan schools educa. 377.4  
 Diocese ecclesiastic polity 262.3  
 Diodorus Greek philos. 183.6  
 Diogenes " " 183.4  
 Diophantin anal. algebra 512.23  
 Dioptrics optics 535.3  
 Diorite lithology 552.36  
 Dioscoreaceæ botany 584.27  
 Dip of rocks geology 551.85  
 Diphenyl group org. chem. 547.27  
 Diphtheria diseases 616.931  
     public helth 614.512  
<sup>\*</sup>Diphthongs Eng. lang. 421.2  
 Diplomacy 327  
     internat. law 341.7  
 Diplomas school records 371.291  
 Diplomatic history  
   United States civil war 973.72  
   Mex. " 973.622  
 Diplomatic history  
   United States revolution 973.32  
     Span. war 973.892  
     war of 1812 973.522  
<sup>\*</sup>Diplomatics Eng. lang. 421.7  
     paleography 417  
 Diplopia physiology 612.8468  
 Dippers baptist sect 286  
     birds 598.8  
 Dipropargyl org. chem. 547.24  
 Dipsaceæ botany 583.541  
 Dipsomania  
   mental derangements 132.7  
   temperance 178  
 Diptera insects 595.77  
 Dipterocarpeæ botany 583.167  
 Direct  
   current arc light elec.eng. 621.32552  
     machin. " " 621.3132  
     systems " " 621.319122  
     trac.lines " " 621.33142  
   expansion refrigeration 621.5652  
   legislation polit. science 328.26  
   mandate legis. restriction 328.349  
   primaries suffrage 324.237  
   probabilities mathem. 519.1  
   taxation polit. econ. 336.21  
   vote election methods 328.3355  
 Direction  
   calculus of anal. geom. 516.8  
   sense of physiology 612.8861  
 Directions, method of, geod. 526.54  
 Directories 914-919  
   legislativ, official 328.338  
   unofficial 328.339  
   newspaper 016.07  
 Directors library gov't 023.3  
 Directory, 1795-99, Fr. hist. 944.045  
 Dirigible  
   aircraft aeronautics 629.154  
   torpedoes naval engin'g 623.95  
 Dirt roads engineering 625.74  
 Disabilities, polit. suffrage 324.17  
 Disability, inherited mental 613.92  
 Disaccharids physiology 612.39614  
 Disappearing mounts ordn. 623.4333  
 Disarmament arbitration 341.6  
 Disasters aeronautics 629.145  
   at sea adventures 910.4  
   navigation 656  
 Disc stresses steam turbins 621.16514  
 Discharge  
   from military servis 355.114  
   of pupils school gov't 371.56

Discharge		
of sewage into sea	628.39	
teachers	371.142	
wastes into streams	628.541	
water engin'g	627.1	
Disciples of Christ sects	289.2	
	biog. 922.82	
Disciplin		
civil servis	351.4	
ecclesiastic polity	262.9	
education	371.5	
legislativ bodies	328.366	
mental education	370.1	
military milit. science	355.13	
prison	365	
shop pol. econ.	331.1	
Disciplinary		
officers college & univ.	378.113	
penalties school gov't	371.54	
personnel " "	371.57	
power admin.	351.92	
Discomycetes botany	589.233	
Discophora zoology	593.77	
Discount banking	332.8	
Discounts lib. bookbuying	025.222	
Discourses theology	252	
<sup>2</sup> see subject		
Discoverers biografy	923.9	
Discoveries geografy	910	
	science, hist. 509	
	useful arts 608	
Discovery		
art of		
day school observance	371.365	
of America U.S.hist.	973.1	
Canada history	971.011	
territorial pol. sci.	320.1261	
Discriminants algebra	512.85	
Discs steam turbins	621.16534	
Discussion, freedom of	323.443	
Disease		
bile in physiology	612.35766	
gastric juice in " "	612.3265	
germs medicin	616.01	
hart in physiology	612.176	
leucocytes in " "	612.1126	
myografy in " "	612.74116	
nitrogen metab. in " "	612.461236	
pulse in " "	612.166	
ration in " "	612.3956	
red corpuscles in " "	612.1116	
respiratory exch. in " "	612.226	
temperature in " "	612.556	
uric acid in " "	612.466256	
urin in " "	612.4662	

Disease		
vasomotors in physiology	612.186	
Diseased meat poisons	615.94	
Diseases		
animals veter. med.	619	
zoology	591.2	
classification of nosology	616.01	
communicable to man		
anim. hyg.	614.93	
pub. helth	614.56	
contag. gen. " "	614.4	
of dom. animals	614.91	
special pub. helth	614.5	
inherited hygiene	613.93	
mental medicin	616.8	
mind and body	132	
of children medicin	618.9	
ear surgery	617.8	
eye surgery	617.7	
plants agriculture	632	
botany	581.21	
pregnancy	618.3	
teeth dentistry	617.6	
women pathology	618	
pathology	616	
puerperal obstetrics	618.7	
Disfranchisement suffrage	324.17	
Dishes		
fine arts	738	
tableware dom. econ.	642.7	
Dishwashing machines	648.54	
Disinfectants		
contagious diseases	614.482	
domestic economy	648.6	
external therapeutics	615.777	
laundry domestic econ.	648.6	
Disinfection		
contagious diseases	614.48	
of sewage	628.32	
the ded pub. helth	614.64	
Disintegration geol. agents	551.9	
Disk		
pile foundations architec.	721.153	
Dislocations geology	551.87	
surgery	617.16	
Disorders of vision eye dis.	617.75	
Dispensaries institutions	362.1	
pharmacy	615.4	
Dispensations absolution	265.6	
Dispensatories mater. med.	615.12	
Dispersion optics	535.4	
Displacement		
of molecules physics	539.5	
parts deformities	617.38	

- Displacement  
of water shipblding 623.81
- Display in printing 655.26  
social ethics 177.4
- Disposal of  
sewage san. engin'g 628.3  
the ded pub. helth 614.6  
wastes san. engin'g 628.54
- Disproportionate growth 617.37
- Disputations religion 204  
<sup>2</sup> see subject
- Disraeli, B: Eng. fiction 823.86
- Dissection anat. animal 591.7  
human 611.07  
ethics 179.4  
laws 614.22
- Dissenters Eng. relig. hist. 274.2
- Dissipation ethics 178
- Dissociation chem. affin. 541.39  
theory of solution chem. 541.3411
- Dissolution  
legislativ bodies 328.356
- Distance of earth from sun 525.15  
moon 523.31  
stars 523.81
- Distances, mesurement 526.92
- Distemper painting 698.2
- Distild beverages adulterat. 614.345  
chem.tech. 663.5
- Distillation chemic tech. 668.7  
prac. chem. 542.48
- Distilleries architecture 725.42
- Distilling air pollution 614.732
- Distortions  
and corrections geom. 515.66  
congenital surgery 617.39
- Distributing mach. printing 655.28
- Distribution  
architectural elevation 729.12  
plan 729.22  
methods of fertilizers 631.816  
of animals 591.9  
fertilizers agric 631.816  
plants 581.9  
time chronology 529.76  
political economy 338  
static electricity 537.22  
tide astronomy 525.63  
welth polit. economy 331
- Distributiv cooperation 334.5  
laws solar syst. 523.21
- District  
court reports, U. S. 345.41  
<sup>1</sup> of Columbia, U. S. hist. 975.3
- Districts  
election representation 328.3345
- Dithyrambics Greek lyrics 884
- Diuretics physiology 612.4641  
therapeutics 615.761
- Diurnal inequality of tides 525.63
- Divers birds 598.4
- Divination magic 133.3
- Divine  
attributes doct. theol. 231.4  
healing 265.8  
humanity christology 232.8  
justis doct. theol. 231.8  
law " " 231.7  
Providence " " 231.5  
natural " 214  
right of kings pol. sci. 321.6  
servis public worship 264
- Diving bells pneumatics 533.86  
submarine 627
- Divining rod 622.12
- Divinity theology 230  
schools architect. 727.4  
theology 207
- Divorce ethics 173.1  
law 347.6  
public helth 614.18
- Dobereiner gas apparatus  
practical chemistry 542.72
- Doehmi Greek prosody 486.3
- Dock bildings architect. 725.34
- Docks harbor eng. 627.3  
shipblding 623.83
- Dockyards harbor eng. 627.3
- Doctors' lives 926.1
- Doctrinal sermons 252.3  
theology 230
- Doctrins, relig. heresies 273
- Documents, public 328  
legislativ distribution 328.347  
special library material 025.1734  
storage lib. economy 025.8
- <sup>1</sup>Doddridge co. W. Va. hist. 975.456
- <sup>1</sup>Dodge co. Wis. " 977.582
- Dog  
diseases of compar. med. 619.7  
domestic animals 636.7  
fighting ethics 175.6  
machine gearing 621.837  
tax polit. econ. 336.27  
zoology 599.7
- Dogma 230
- Dogmas religious hist. 273

Dogmatic sermons	252.3	Door	
<b>Dogmatics</b>	<b>230</b>	keepers legis. employees	328.3625
Dolerite lithology	552.35	mats lib.econ.	022.965
Dolichocephaly craniology	573.7	openers dom. "	643.6
Dolls dom. economy	649.55	<b>Doors arch. construction</b>	<b>721.8</b>
Dolmens prehist. arch.	571.94	design	729.38
Dolomite lithology	552.55	furnace steam eng.	621.18355
Domain, eminent law	347.2	<sup>1</sup> Dorchester co. Md. hist.	975.227
state finance	336.1	<sup>1</sup> Dordogne, France "	944.72
Dome, boiler steam eng.	621.18452	Dorian migration Gk "	938.01
locomotiv boiler	621.1336	Doric order architecture	729.32
Domes architect. design	729.34	Doris ancient history	938.3
architecture	721.46	Dormers architect. constr.	721.55
astron. observ.	522.12	design	729.35
roofs	721.57	Dormitories architecture	727.2
Domesday book Eng. fin.	336.42	student life	371.87
Domestic		Dorr's rebellion U. S. hist.	973.58
animals	636	Dorsal	
infect. diseases of	614.91	cord anat.	611.8213
architecture	728	interosseous artery "	611.13794
ashes san. eng.	628.44	<b>muscles</b> "	<b>611.731</b>
duties ethics	173	thorax "	611.946
economy	640	Dorsalis pedis "	611.13794
education	376.3	<sup>1</sup> Dorchester co. Que. history	971.472
garbage sanitary eng.	628.44	<sup>1</sup> Dorset, England "	942.33
mammals	599.7	Dort confession	238.42
medicin	616.02	synod of	284.2
relations law	347.6	Dosology materia med.	615.14
polit. science	323	Douay Bible Eng. version	220.52
<b>servis</b>	<b>647</b>	Double	
trade	381	bass stringd instrum.	787.4
use and waste of water	628.17	bassoon wind "	788.8
worship family prayer	249	curvature, geometry	513.58
Domestication, effect on		mod.anal.geom.	516.58
animals and plants	575.2	of spine	616.73
Domicil		curvd lines descr. geom.	515.13
legal capacity law	347.1	surfaces " "	515.15
suffrage qualifications	324.16	flowers floriculture	716.2
Dominicans mon. orders	271.2	<b>morphology</b>	<b>581.4</b>
<b>Dominion of Canada history</b>	<b>971.05</b>	fluid cells elec. eng.	621.3534
Dominoes games	795	refraction optics	535.5
Dompelaers baptist sect	286	standard coins money	332.42
Domschulen cathed. sch.	377.4	stars astronomy	523.84
Donatists sects	281.4	<sup>1</sup> Doubs, France history	944.46
<sup>1</sup> Donegal, Ireland history	941.63	Doubt metaphysics	121
Donelson, Ft U.S.civ.war	973.752	Douche baths hygiene	613.44
capture " " "	973.7322	Douglas, G. Eng. poetry	821.24
<sup>1</sup> Dongola, Egypt history	962.5	<sup>1</sup> Douglas co. Ill. history	977.368
Doni, A. F. Ital. fiction	853.42	<sup>1</sup> Mo. "	977.883
Donkeys dom. animals	636.1	<sup>1</sup> Wis. "	977.511
Donne, J: Eng. satire	827.35	pouch of anat.	611.6674
Door		Dovizi, Bernardo Ital.dram.	852.32
<sup>1</sup> co. Wis. history	977.563	Dower law	347.6
furnishings dom.econ.	645.3	<sup>1</sup> Down, Ireland history	941.65

Doyère pipets	prac. chem.	542.73	Dramatic		
Drachmann, Holger	Dan. fic.	839.8366	orchestral music		785.2
Draco's code	Grecian hist.	938.01	<sup>5</sup> Dramatists' lives, English		928.22
Draft, furnace	steam eng.	621.1838	Draperies	dom. econ.	645.3
Drafting			Drastics	cathartics	615.7325
bill	legislation	328.373	Draughts	games	794
drawing		744	Dravidian architecture		722.4
military recruitment		355.2	language		494
room	mfg plant	621.71	literature		894
Drafts	games	794	Drawbridges	engineering	624.8
	U. S. civil war	973.7414	Drawing		740
Dragon flies	insects	595.73	architectural		744
Dragonade	persecutions	272.4	books		740
Dragons	folklore	398.4	elementary educ.		372.52
Drainage			engineering		744
agriculture		631	mathematical		744
engineering		627.5	mechanical		744
house		628.6	Drawing mills	mfg plant	621.77
land		627.5	room amusem'ts		793
natural	mining eng.	622.52	furnishings		645.62
of cities		628.2	topografic		526.98
mines		622.5	Drawings		
sewage farms		628.367	architectural		729
public helth		614.77	classification & storage		025.177
road engineering		625.74	detail bilding		692.2
shipbilding		623.85	engineering		620.04
Drains, steam pipe		621.1855	general bilding		692.1
Drake, Francis			linear		741
discovery of Amer.		973.17	mechanical engineering		621.004
<sup>5</sup> Drama			prehistoric archeology		571.71
English literature		822	Drawnwork	fancywork	746
French	"	842	Drayton, M.	Eng. poetry	821.34
German	"	832	Dream books	folklore	398.7
Greek	"	882	Dreams		135
Italian	"	852	physiologic psych.		612.82176
Latin	"	872	Dred Scott		
miracle plays	Eng. lit.	822.1	case causes U.S. civ. war		973.7115
	gen. hist.	809.2	decision	slavery	326.973
	religion	244		U. S. hist.	973.68
moral influence	ethics	175.2	Dredges, steam	steam eng.	621.154
sacred		244	Dredging	engineering	627.7
Spanish literature		862	foundations		721.176
Dramas	Amer. civ. war	973.792	machinery		627.7
	revolution	973.392	scientific voy.		508.3
	U.S. war 1812	973.5292	<sup>4</sup> Dresden	history	943.21
Dramatic			travels		914.321
amusements		792	Dress	costume	391
art theater		792	ecclesiastic		247.7
biografy actors		927.92	ethics		177.4
<sup>5</sup>	Eng. authors	928.22	fashion		646.01
composition		808.2	magazines		646.05
criticism		792	reform societies		646.06
history		792	Dresses	domestic econ.	546.43
music		782			

Dressing	
hair	391.5
of stone masonry	693.12
ore mining eng.	622.7
works " "	622.79
Dressmaking	646.43
Drewry's Bluff, Va.	
U. S. civ. war	973.7365
Driers laundry appli.	648.3
Drift, glacial geology	551.33
remains prehis. arch.	571.11
Drifting and tunnel'g min.	622.26
Drill military science	355.5
Drilling mech. eng.	621.952
mining " "	622.23
Drills, steam engins for	621.154
Drink chemic analysis	543.1
Drinking, social ethics	178.3
usages customs	394.1
Drinks	
cold hygiene	613.36
domestic economy	641.87
hot hygiene	613.37
intoxicating ethics	178.1
hygiene	613.81
mixing of manufactures	663.8
Drives landsc. gardening	713
Driving	798
<sup>1</sup> Drôme, France history	944.98
Droop system suffrage	324.224
Dropsy diseases	616
Droseraceæ botany	583.393
Droughts meteorology	551.57
Drowning protec. of life	614.81
Drugs	615.1
adulteration of	614.35
analytic chemistry	543.4
economic botany	581.63
intoxicating ethics	178.8
hygiene	613.8
Druids	299.16
Drum musical instrum.	789.1
boiler steam eng.	621.1845
Drumhed of ear anat.	611.855
Drumlins geology	551.33
Drummond, W: Eng. poet.	821.36
<sup>1</sup> Drummond co. Que. history	971.456
light	665.7
Drums mining eng.	622.67
Drunkeness crim. law	343
Drupaceous fruits	634.2
Drury's Bluff, Va.	
U. S. civ. war	973.7365
Druses religion	297
Dry	
cleaning dom. econ.	646.6
docks engineering	627.3
shipbilding	623.83
goods trade production	338.4
method qualita. anal.	544.2
quantita. "	545.4
point engraving	767
rot bilding	691.1
Dryden, J: Eng. poetry	821.48
Drying	
food preservation	641.4
laundry process	648.3
practical chemistry	542.68
printing	655.33
Dryplate processes photo.	772
Dualism ontology	111
Parsee heresies	273.2
Parseeism	295
Duality mod. geometry	513.51
Du Bellay, J. Fr. poetry	841.32
<sup>1</sup> Dublin, Ire. history	941.83
travel	914.183
university	378.415
<sup>1</sup> Dubois co. Ind history	977.237
<sup>1</sup> Dubuque city Ia. history	977.7391
<sup>1</sup> co. " "	977.739
Ducis, J. F. Fr. drama	842.61
Duck roofing bilding	695.8
shooting	799
Duck-bild platypus zool.	599.1
Ducks poultry	636.5
zoology	598.4
Ductility molecular phys.	539.52
Ducts, air ventilation	697.9
kidney anatomy	611.61
diseases	616.61
see also qualifying word	
Dudevant, A.L.A.D. Fr.fic	843.82
Dueling ancient law	340.3
criminal "	343
customs	394.8
ethics	179.7
student life	371.82
Duets vocal music	784.82
Du Fail, Noël Fr. fiction	843.34
<sup>1</sup> Dufferin co. Ont. history	971.341
Dufresny, C: R. Fr. dram.	842.47
Dugouts boatbilding	623.8212
<sup>1</sup> Dukes co. Mass. history	974.49
Dulcimer music	787.9
Dum	
asylums	362.4
bells gymnastics	613.71



Dum	
education of	371.912
waiters dom. econ.	643.6
engin'g	621.87774
Dumas, A. fils	Fr. dram. 842.84
A.D. père	" " 842.77
	fic. 843.76
Dumb, <i>see</i> Dum	
<sup>1</sup> Dumbarton, Scotland	hist. 941.37
Dumdum bullets	623.45535
<sup>1</sup> Dumfries, Scot.	hist. 941.48
Dummy titles	lib. econ. 020.88
Dumping grates st'm eng.	621.18354
Dúnbar, W:	Eng. poetry 821.23
<sup>1</sup> Dunbarton, Scotland	941.37
<sup>1</sup> Dundas co. Ont.	history 971.375
Dunes	geology 551.33
Dunkers	baptists 286
<sup>1</sup> Dunklin co. Mo.	history 977.899
Dunlap, W:	Am. drama 812.22
Dunmore's, Lord, war	
	U. S. hist. 973.27
<sup>1</sup> Dunn co. Wis.	history 977.543
Duns Scotus	mediev. phil. 189.4
Duodecimals	arithmetic 511.1
Duodenum	anatomy 611.342
	diseases of 616.34
<sup>1</sup> Dupage co. Ill.	history 977.324
Duplex telegraf	commun. 654.2
	elec. eng. 621.38232
Duplicate dep't	lib. econ. 025.26
Duplicates	
libraries and schools	021.33
library accession routine	025.261
sale of lib. econ.	025.265
Duplicating	
machines offis equip.	652
notises, etc.	lib. adm. 025.129
Duplication, apparent	
deformities	617.34
Duployé shorthand	653.38
Dupont, Pierre	French poet. 841.82
Dura mater, cerebral	anat. 611.8195
	sinuses of " 611.14511
	spinal " 611.8295
<sup>1</sup> Durango, Mexico	hist. 972.1
Durbar	social customs 394.4
D'Urfey, T:	Eng. humor 827.44
<sup>1</sup> Durham, England	hist. 942.81
<sup>1</sup>	co. Ont. " 971.356
Dust	
air pollution	614.71
cosmic descrip. astron.	523.16
inhalation of	hygiene 613.63

Dust	
prevention of, in factories	628.511
Dusting	dom. econ. 648.52
Dutch	
<sup>1</sup> East Indies	history 991
<sup>1</sup> Guiana	" 988
	travels 918.8
<sup>4</sup>	language 439.3
<sup>5</sup>	literature 839.3
	painting 759.9
	reformd church 284.1
	in Amer. 285.7
<sup>1</sup>	republic history 949.2
<sup>1</sup> Dutchess co. N. Y.	hist. 974.733
Duties	
and customs	tariff 337
moral	ethics 170
of children	" 173.6
citizens	" 172.1
college men	378.069
of husbands and wives	173.3
library staff	023.7
	trustees 023.35
parents	ethics 173.5
public offisers	" 172.2
servants	" 173.8
	dom. econ. 647.7
teachers	education 371.101
public	sermons 252.6
remitted	library aid 021.861
social	ethics 177
stamp	polit. econ. 336.27
Duty	religion 233.4
	free importation 337.8
Du Vair, Guillaume	Fr. lit. 844.41
Dwarfs	biology 573.8
Dwellings	
architecture	728
hygiene	613.5
laboring classes	331.83
prehistoric	571.8
sanitation	628.6
Dwight, Timothy	Am. poet. 811.22
Dyadic arithmetic	511.1
Dyaks	history 991.1
Dyeing	chem. tech. 667.2
Dyes, anilin	" " 667.2
Dykes	engineering 627.4
	geology 551
Dynamic electricity	537.5
	engineering 621
	geology 551
Dynamics, celestial	521.1
	chemic 541.39

Dynamics, electro-	537.6	Earth	
<b>physics</b>	<b>531.3</b>	internal heat of geology	551.12
Dynamite chemic tech.	662.2	movements geology	551.24
storage prot. of life	614.833	<b>physical geology</b>	<b>551</b>
<b>Dynamoelectric machinery</b>	<b>621.313</b>	rotation of astronomy	525.35
Dynamogenesis physiology	612.8011	structure of phys. geol.	551.1
Dynamometer physics	531.21	<b>surface features</b>	<b>551.4</b>
physiology	612.744211	irregularities	526.64
steam plant	621.1977	Earthenware chem. tech.	666.6
Dynamos		Earthquakes geology	551.22
<b>electric engineering</b>	<b>621.313</b>	<b>Earths, rare inorg. chem.</b>	<b>546.6</b>
electrodynamics	537.83	Earthwork	
Dynamotors elec. eng.	621.31326	<b>foundations architect.</b>	<b>721.1</b>
Dysentery diseases	616.935	<b>engin'g</b>	<b>624.15</b>
public helth	614.516	"	622.21
Dyspepsia dietetic diseases	616.39	mining	625.12
digestiv diseases	616.33	railway engineering	625.73
<b>physiology</b>	<b>612.326</b>	roadmaking	625.73
Dyspnea	"	Earthworks fortifications	623.122
Ear	612.2842	<b>prehist. archeol.</b>	<b>571.9</b>
<b>anatomy</b>	<b>611.85</b>	Earthworms zoology	595.1
care of hygiene	613.49	Easels lib. fittings	022.933
def and dum asylums	362.4	Easements law	347.2
arch.	725.54	East	
<b>diseases surgery</b>	<b>617.8</b>	and West, relig. schism	270.3
hospitals	362.1	India Company	382
architecture	725.51	<sup>1</sup> <b>Indian archipelago hist.</b>	<b>991</b>
muscles anatomy	611.7324	<b>languages</b>	<b>491.4</b>
physics	534.7	<sup>1</sup> <b>Indies history</b>	<b>954</b>
<b>physiology</b>	<b>612.85</b>	<sup>1</sup> <b>Dutch "</b>	<b>991</b>
psychology	152.2	<sup>1</sup> Liverpool, O. "	977.1631
rings jewelry	391.7	<sup>1</sup> New Jersey "	974.91
stones comp. anat.	591.48	<sup>1</sup> Prussia "	943.11
human "	611.8526	travels	914.311
<b>physiology</b>	<b>612.85876</b>	River bridge engin'g	624.5
Early		<sup>1</sup> Russia history	947.8
Christian architecture	723.1	travels	914.78
<b>philosofy</b>	<b>189</b>	<sup>1</sup> St Louis, Ill. history	977.38
Christians history	270.1	<sup>1</sup> Turkestan "	951.6
<b>education, elementary</b>	<b>372</b>	travels	915.16
English text society	820.6	Easter Anglican calendar	264.031
<sup>2</sup> <b>forms of Eng. language</b>	<b>427.01</b>	chronology	529.6
Greek philosofy	182	music	783.28
institutions pol. science	321.1	school observ.	371.365
printed books	093	Eastern	
rising hygiene	613.79	church	281.9
Earth		<b>churches</b>	<b>281.5</b>
<b>astronomy</b>	<b>525</b>	<sup>1</sup> <b>empire</b>	<b>949.5</b>
attraction of moon	523.33	iland travel	919.7
burial of ded customs	393.1	Pacific ocean phys.geog.	551.466
pub. helth	614.611	<sup>1</sup> <b>Panhandle, W. Va. hist.</b>	<b>975.49</b>
closet system sanitation	628.43	question Turkish history	949.6
<b>figure of</b>	<b>526.1</b>	<sup>1</sup> states U. S. "	974
houses prehist. archeol.	571.82	Eating customs	394.1
		<b>hygiene</b>	<b>613.2</b>

Eating pleasures of	641.01	Eclipses sun	523.78
<sup>1</sup> Eaton co. Mich. history	977.423	theory	521.8
<sup>1</sup> Eau Claire city, Wis. "	977.546	Ecliptic, inclin. of equat. to	525.51
<sup>1</sup> co. " "	977.545	plane of astron.	525.32
Ebenaceæ botany	583.685	solar system	523.26
Ebenaceous fruits agric.	634.45	Ecoles congréganistes	377.3
Ebenales botany	583.68	Ecology botany	581.15
Ebers, G; German fiction	833.86	evolution	575.3
Ebony family fruit cult.	634.45	zoology	591.15
Eccentricity		Economic	
in manners ethics	177	botany	581.6
of orbit of earth	525.33	chemistry chem. tech.	660
seasons	525.52	cookery dom. econ.	641.55
Eccentrics, lives of	920.8	geology	553
machinery	621.85	value of fertilizers	631.815
Ecclesiastes Bible	223.8	zoology	591.6
Ecclesiastic		Economics	
antiquities	209	nature of	330.11
architecture	726	of fashions dom. econ.	646.01
art ecclesiology	246	political economy	330
biografy	922	Economizers, feedwater	621.1972
calendar chronology	529.6	Economy, domestic	640
ceremonies customs	394.4	ethics	174
costume	247	library	020
councils	262.4	political	330
courts	348	Ecstasy religion	248
fasts personal relig.	248	Ecstatics ment. derange.	132.5
public worship	264	Ectoblast embryology	611.01338
feasts	264	Ectoderm "	611.01338
furniture ecclesiology	247	Ectodermic organs "	611.0135
history	270	Ectopic gestation obstetrics	618.31
Latin, modern philol.	479	hart physiology	612.1717
law canon law	348	Ectozoa animal parasites	616.968
legends	209	<sup>1</sup> Ecuador history	986
for special topics see topic		travels	918.6
music	783	Ecumenic	
polity	262	council eccles. polity	262.5
statistics	209	relig. hist.	270.2
trials	262.9	Eczema dermatology	616.52
vestments ecclesiology	247.7	Eddas Norse literature	839.6
Ecclesiastics biografy	922	Eddy currents engin'g	621.311
Ecclesiasticus Bible	229.4	physics	537.6
Ecclesiology church	261	Edema physiology	612.381
symbolism	246	Eden orig. home of man	572.4
Echinoderms paleontology	563.9	Edentata mammals	599.3
zoology	593.9	<sup>1</sup> Edgar co. Ill. history	977.369
Echinoidea "	593.95	Edgeworth, M. Eng. fiction	823.72
Echinus fishery	639.6	Edible	
Echo acoustics	534.2	bu'bs gardening	635.2
Eclampsia diseases	616.845	flowers "	635.3
Eclectic medicin	615.5	fruits "	635.6
philosofy	148	leaves "	635.3
Eclipses, find'g longitude by	525.48	roots "	635.1
of moon	523.38	seeds "	635.6

Edible		
tubers	gardening	635.2
Edict of Nantes	Huguenots	284.5
Ediles	Rom. antiquities	913.37
<sup>1</sup> Edinburgh, Scot.	history	941.44
	travels	914.144
	university	378.41
Editions, choice of		
reading and aids		028.2
Editorial work	journalism	070.4
	lit. meth.	029.6
Edmund polyg. act	U.S.hist.	973.84
Edom	ancient history	939.46
Education		370
and the church	religion	261.5
	sociology	377.8
general, for library servis		023.531
in relation to labor		331.85
industrial	systems	371.42
	useful arts	607
of voters		324.14
women		376
young		372
public	state control	351.851
	system	379
self		374
suffrage qualifications		324.14
systems of		371.4
useful arts		607
<sup>2</sup> special, see subject		
Educational		
buildings	architecture	727
ethics		171.7
psychology		370.15
reports, public		379
sermons		252.5
Educator, library as		021.2
Educators' lives		923.7
Edward <sup>1</sup>	Eng. history	942.035
2	" "	942.036
3	" "	942.037
4	" "	942.044
5	" "	942.045
6	" "	942.053
7	" "	942.082
Edwards, J. Am. philos.		191.1
<sup>1</sup> Edwards co. Ill.	history	977.3791
	Ferry, Va. U.S. hist.	973.7318
Eels	zoology	597.5
Effect and cause metaphysics		122
perspec. arch. design		729.15
Effen, J. van	Dutch essays	839.344
Efficiency		
and college training		378.01
school courses		375.0072

Efficiency		
bonus	economics	331.225
business methods		658
Effigies, monumental		718
<sup>1</sup> Effingham co. Ill.	hist.	977.3796
Efflorescence	chemistry	541.39
Effluvium nuisances		628.52
Efflux	hydraulics	532.56
Eg embryology		591.3
Eggleston, E:	Am. fiction	813.42
Egg, eggs, see Eg, eggs		
Egina marbles	anc. sculpt.	733
Egoism	ethics	171.9
Egs		
cookery		641.6
dietetics		613.28
food value		641.12
oology		598.2
phys. of nutrition		612.39283
poultry		636.5
Eg-shape of sewers		628.224
Egypt		
administration		354.62
ant'quities		913.32
architecture		722.2
art		709.32
botany		581.962
finance		336.62
geology		556.2
hieroglyphics		493.1
history, ancient		932
	modern	962
<sup>1</sup>		
<sup>4</sup>		
language, old		493.1
maps		912.62
mythology		299.31
obelisks, antiq.		913.32
	monum.	718
philosofers		181.2
pyramids, antiq.		913.32
religion		299.31
schools		379.62
statistics		316.2
travel		916.2
treaties		341.262
	other topics see table 1	
<sup>1</sup> Egyptian Sudan	history	962.6
	travels	916.26
Egyptology	antiquities	913.32
Ehrensward, T. C. Gyllem-		
bourg	Danish fiction	839.8361
Eichendorff, J.	Ger. poetry	831.72
Eight hour law	pol. econ.	331.81
Eighth nerv		
anatomy		611.8318
physiology		612.8198
Eilschov, F. K.	Dan. misc.	839.8843
Ejaculatory duct	anat.	611.635

Ejectment	law	347.2
Ejectors	mech. engin'g	621.69
El dorado	folklore	398.3
Elæagnaceæ	botany	583.935
Elasmobranchii	fishes	597.3
Elastic tissue	histology	611.01827
Elasticity		
of muscle	physiology	612.7414
physics		539.3
pulmonary	physiology	612.212
tests	engineering	620.1123
Elastin	nutrition	612.398146
Elateridæ	zoology	595.76
Elatineæ	botany	583.161
Elbow	anatomy	611.973
joint	"	611.7273
Elci, A. M. d'	Ital. satire	857.66
Elders	ecclesiastic polity	262.15
El Dorado co. Cal.	hist.	979.441
Eleatic Greek philosophers		182.3
Election		
doctrinal theology		234.9
frauds	suffrage	324.27
U. S.		324.73
sermons		252.6
to legislativ body		328.3355
Elections		
city admin.		352.004
legislativ jurisdiction		328.342
U. S. law		324.73
voting procedure		324.24
Electiv franchise		324
system	educat.	375.004
Electoral		
college	suffrage	324.249
commission	"	324.73
U. S. hist.		973.82
frauds	suffrage	324.27
lists	"	324.241
system	polit. science	321.8
systems	suffrage	324.21
Electric		
animals	comp. physiol.	612.771
apparatus	inspection	614.836
communication	eng.	621.38
cooking appliances		643.336
elevators	engin'g	621.8775
lib. bldgs		022.95
engineering		621.3
execution of criminals		343.2
furnace	physics	537.85
heating	building	697.7
dom. econ.		644.26

Electric		
heating	prac. chem.	542.47
irritation of nervs		612.8161
light	domest. econ.	644.315
libraries		022.754
mech. eng.		621.32
physics		537.83
lighting	shipbuilding	623.85
stations		621.3122
machinery	engin'g	621.313
machines	physics	537.23
manipulation	chem.	542.8
measurements	engin'g	621.37
physics		537.7
mesuring of temperature		536.53
phenomena	physics	537.4
of muscles	physiol.	612.743
nervs	"	612.813
skin	"	612.795
plant	shipbuilding	623.85
power stations	eng.	621.312
transmission	"	621.319
railways	"	621.33
resistance	mesology	612.014422
shock	surgery	617.12
signals	physics	537.88
stimulation of hart		612.1723
storms	physics	538.7
stoves	kitch. equip.	643.336
telegraf, communication		654
engineering		621.382
physics		537.81
testing	useful arts	621.37
traction	stations	621.3123
vehicles	engin'g	629.2
vesse's	shipbuilding	623.823
Electricians	lib. econ.	023.772
Electricity		537
accidents from		614.836
animal	mind and body	134
physiology		612.014423
zoology		591.57
applied	engineering	621.3
physics		537.8
cooking by		641.586
effect on muscles		612.74163
generation	useful arts	621.31
heating by	dom. econ.	644.26
hygiene		613.16
therapeutics		615.84
Electro-		
analysis	chem.	544.9
ballistic machines	gun'ry	623.5

Electro-			
biology	animal mag.	134	
	biology	577	
blasting	mining	622.23	
chemic	autom. teleg.	621.38241	
chemistry		541.37	
chronograf	astronomy	522.52	
dialysis	prac. chem.	542.8	
dynamics		537.6	
kinetics	dynamic elec.	537.5	
<b>magnetism</b>		<b>538.3</b>	
metallurgy		537.85	
<b>motors</b>	<b>machines</b>	<b>621.313</b>	
	science	537.83	
physiology	anim. mag.	134	
	biology	577	
	physiology	612.01442	
plating	metallurgy	537.85	
Electrodes	electrophysiol.	612.014421	
	engineering	621.3522	
Electrolysis	qual. anal.	544.9	
	quant. "	545.3	
Electrolytes <sup>a</sup>	elec. eng.	621.3524	
<b>Electrolytic anal. chem.</b>		<b>545.3</b>	
	rectifiers eng.	621.31374	
Electrometers	engin'g	621.3743	
	physics	537.25	
Electromotiv			
	force of hart	612.1724	
	phenomena		
	of nervous excitation	612.8223	
Electromotors	elec. eng.	621.313	
Electrons	chemistry	541.2	
Electrostatic apparatus	eng.	621.315	
<b>Electrostatics</b>	static elec.	<b>537.2</b>	
Electrotherapy			
	electric engineering	621.3915	
	electrophysiology	612.014428	
	medicin	615.84	
Electrotonus	electrophys.	612.014423	
	physiology	612.8133	
Electrotyping	printing	655.22	
Eleemosynary institutions		361	
<sup>b</sup> Elegiac poetry	Eng. lit.	821.04	
	Gk "	884	
	Latin "	874	
Elementary			
	education	372	
	forms arch. design	729.3	
<sup>3</sup> readers	Eng. language	428.6	
schools		372.9	
	gymnastics in	371.7321	
	libraries for	371.645	
	manual training	371.422	
Elementary			
	theory of music	781.2	
Elements			
	chemic chem. tech.	661.1	
	chemistry	546	
	false "	546.99	
	required architec. design	729.21	
Elephants	mammals	599.6	
Eleusinian mysteries			
	Greek antiquities	913.38	
	mythology	292	
Elevated			
	ground hygiene	613.12	
	railroad city transit	388	
	elec. eng.	621.331343	
	engineering	625.4	
	stations arch.	725.318	
	temperature hygiene	613.64	
	ways public helth	614.782	
Elevation	archit. design	729.1	
	lib. bildings	022.341	
Elevations	meteorology	551.53	
Elevatormen	lib. econ.	023.793	
Elevators			
	grain architecture	725.36	
	hydraulic machinery	621.263	
	library bildings	022.95	
	mech. engineering	621.877	
Eleventh nerv	anatomy	611.83192	
	physiol.	612.8192	
<sup>1</sup> Elgin, Scotland	history	941.23	
<sup>1</sup>	city, Ill. "	977.323	
<sup>1</sup>	co. Ont. "	971.334	
	marbles	733	
Eliau philosofer	Gk phil.	183.7	
Eliesen, Povel	Dan. mis.	839.8822	
Eligibility			
	to legislativ body	328.331	
	offis citizenship	323.68	
Eliminants	algebra	512.85	
Eliot, George	Eng. fic.	823.88	
<sup>1</sup> Elis	ancient history	938.8	
Elixir of life	alchemy	540.1	
Elizabeth, Queen	Eng. hist.	942.055	
<sup>1</sup> Elizabeth, N. J.	history	974.937	
Elizabethan persecutions		272.7	
	style arch.	724.4	
<sup>1</sup> Elk co. Pa.	history	974.865	
<sup>1</sup>	valley, W. Va. "	975.464	
<sup>1</sup> Elkhart co. Ind.	"	977.281	
Elkhorn tavern, Ark.			
	U. S. civ. war	973.7323	
Ellipse	analytic geom.	516.23	
	geometry	513.23	

Ellipsis	Eng. language	425.3	Emigrants	polit. science	325.2
<sup>3</sup>	other languages		Emigration	" "	325
Ellipsoid	analytic geom.	516.43	<sup>1</sup> Emilia, Italy	history	945.4
Ellipsoidal figure	geodesy	526.16	Eminent domain	law	347.2
Ellipsoids, potentials of		526.11	Emissary vein	anatomy	611.14513
Elliptic functions	calculus	517.36	<sup>1</sup> Emmet co. Ia.	history	977.7125
Ellipticity, law of	geodesy	526.13	<sup>1</sup>	Mich. "	977.488
<sup>1</sup> Elmira, N. Y.	history	974.779	Emollients	external thera.	615.776
Elocution		808.5		internal "	615.735
	vocal culture	784.9	Emotions	physiol. psych.	612.82133
Elongated				psychology	157
bullets	ordnance	623.45125	Empedocles	Gk philosofer	182.5
	small arms	623.4552	Emperor	Ger. empire	354.4305
projectils	ordnance	623.4512	Emperors	biografy	923.1
Eloquence		808.5	Empetrææ	botany	583.984
<sup>5</sup>	Eng. oratory	825	Emphysema	lung dis.	616.248
Elvs	folklore	398.4	<sup>1</sup> Empire, Eastern	history	949.5
Elzevir editions	rarities	094		French 1st, "	944.05
Emanation	metaphysics	129.5		2d, "	944.07
Emancipation				German govt.	354.4303
of slaves		326.8		political sci.	321.03
woman		396.1		Roman	hist. 937.06
proclamation	U. S. hist.	973.714		Western, fall of "	937.09
Embalming	customs	393.3	Empiric medicins, <i>see</i>	Patent	
	pub. helth	614.64	medicins		
Embankments	river eng.	627.4		philosofy	144
Embargo	martial law	344	Empiricism in med.	quack.	614.26
of 1808-12	U. S. hist.	973.48	Employees		
Embassadors	interna. law	341.7	associations		331.88
	polit. sci.	327	domestic	occasional	647.29
Emblematic art	ecclesiol.	246.5		regular	647.2
Emblems	"	246	legislativ		328.362
Embolism of pulmon.	artery	616.247	Employers		
Embossing book	lib. econ.	025.252	and employed	ethics	174.8
	telegraf eng.	621.38244		pol. econ.	331.1
Embroidery		746	Employment		
Embryo	anatomy	611.013	agencies, <i>see</i>	Agencies	
	physiology	612.64	hygiene		613.6
	zoology	591.33	of children	pol. econ.	331.3
Embryology	animals	591.3	time	ethics	179.9
	botany	581.3	women	customs	396.5
	experimen.	611.0139		pol. econ.	331.4
	human	611.013	Empresses	biografy	923.1
	physiology	612.64	Emulation	ethics	179
Embryotomy	obstet. oper.	618.83	<sup>3</sup> Enallage	Eng. syntax	425.2
Emergencies	surgery	617.1	Enamel	arch. decoration	729.65
Emergency help	dom. econ.	647.29		chem. technology	666.2
Emerson, R.W.	Am. lit.	814.36		painting	751
	" phil.	191.3		sacred ornam.	247.4
	transcendentalism	141	Enarthrosis	anatomy	611.72963
Emery	econom. geol.	553.65	Encaustic painting		751
	wheels mach. tools	621.923	Encephalaon	anatomy	611.81
Emetics	physiology	612.3278	Enclosures of doors and win.		721.86
	therapeutics	615.731	Encyclic letters	eccles. pol.	262.8

Encyclopedias, general	030	England	
<sup>2</sup> special, see subject		army	354.426
Encyclopedists, Fr. apolo.	239.6	bank of	332.15
lives	920.3	biography	920.042
Endbrain anatomy	611.813	botany	581.942
Endemic diseases	616	church	283
Endemics med. geografy	614.42	colleges education	378.42
Endless punishment theol.	237.7	constitution	342.42
screw mech. eng'g	621.8333	educat'on	370.942
Endocardium anatomy	611.126	finance	336.42
Endoderm embryology	611.01337	geology	554.2
Endodermic org. "	611.0134	government central	354.42
Endogamy customs	392.5	local	352.042
Endolymph physiology	612.8586	<sup>1</sup> history	942
Endometrium anatomy	611.662	<sup>3</sup> language	420
Endoneurium histology	611.018835	old	427.01
Endosmose liquids	532.7	law	346
Endowd libraries	027.4	libraries	027.042
schools education	373	literature	820
vs public schools	379.3	local government	352.042
Endowment		maps	912.42
library support	021.92	navy	354.427
life insurance	368.3	painting	759.2
of research colleges	378.32	peerage, etc.	929.72
public school support	379.13	philosofers	192
Endowments		philosofers lives	921.2
library finance	025.111	private law	347
special subjects	025.211	religious history	274.2
Endyma anatomy	611.828	Romanesque architecture	723.42
Enemeta, nutritiv hygiene	613.23	schools, public	379.42
Energy, conservation of	531.6	sculpture	735
vital physiology	612.0137	slavery	326
Engelbrektsdatter, D.		societies, general	062
Dan. poet.	839.8136	statistics	314.2
Engin and coach wagon	621.1328	travel	914.2
driven vessels	623.823	treaties	341.242
houses architecture	725.19	universities education	378.42
Engineering, civil	620	zoology	591.942
dynamic	621	English	
electric	621.3	composition	808
illuminating	628.9	cyclopedias	032
industrial	658	deists apologetics	239.5
locomotiv	621.13	discovery of America	973.17
materials	620.1	ephemerides	528.2
mechanic	621	language	420
municipal	352.5	literature	820
topografic	526.9	newspapers	072
Engineers lives	926.2	periodicals, general	052
military sci.	358.2	<sup>3</sup> philology	420
U. S. civ. war	973.7417	prisons Amer. revol.	973.371
Engins	621	U.S.war of 1812	973.5271
England		socialism	335.1
administration	354.42	Engravers <sup>3</sup> lives	927.6
antiquities	913.42	occupation	613.65
architecture	720.942		



<b>Engraving</b>	<b>760</b>	<b>Entrance</b>	
books of	769	<b>requirements educ.</b>	<b>371.21</b>
of seals and gems	736	Entrées	cookery 641.82
<b>Engravings</b>		Entropy	engineering 621.1011
cases for lib. fittings	022.485	physics	536.7
catalogs of	016.76	Enunciation	elocution 808.5
collections of	769	Envallsson, K:	Swed. lit. 839.7254
special library material	025.177	<b>Environment</b>	
<b>Engrossing</b>		evolution	575.3
clerks, legislativ	328.3623	<b>influence of</b>	<b>physiol.</b> 612.0144
legislativ bills	328.373	therapeu.	615.56
Enharmonic organ	music 786.9	on man	573.4
Enigmas	amusements 793	mental characteristics	136.2
<b>English litera.</b>	<b>828</b>	Envy	ethics 179.8
Enlistment	army 355.2	Enzina, J. del	Span. dra. 862.21
Ennius	Latin drama 872.4	<b>Eocene fossils</b>	<b>paleontol.</b> 560
Enoch, Book of	229	period	geology 551.181
<b>Enrolment</b>		Eolian harp	music 787.5
bill legislation	328.373	<b>Eolithic age</b>	<b>prehist arch.</b> 571.1
school organization	371.21	Epacridæ	botany 583.64
Ensiform bone	anatomy 611.713	<b>Epencephalon</b>	<b>anatomy</b> 611.817
Ensigns	flags 929.9	"	611.828
Ensilage	agriculture 633	Ependymal cells	histol. 611.01884
Entail	law 347.2	Epervier, ship	
Enteric fever	diseases 616.927	U. S. war of 1812	973.5255
pub. helth	614.511	<b>Ephemeres</b>	<b>528</b>
Enterokinesis	physiology 612.33284	Ephesians	Bible 227.5
Enteropneusta	zoology 593.99	Ephesus, first council of	270.23
Enterprise, ship		history, ancient	939.23
U. S. war of 1812	973.5253	modern	956.2
<b>Entertaining</b>		Epiblast	embryology 611.01338
<sup>6</sup> <b>collections Eng. lit.</b>	<b>828</b>	Epic	dramatic music 782.2
domestic economy	642.4	painting	753
<b>Entertainments</b>		<sup>5</sup> poetry	Eng. lit. 821.03
and libraries	021.45	<b>Greek</b>	<b>883</b>
library support	021.96	<b>Latin</b>	<b>873</b>
licenses for	352.8	Epicharmus	Gk drama 882.5
private dom. econ.	642.41	Epicranial muscles	anat. 611.7322
public amusements	791	Epictetus	Gk filosofers 188.7
dom. econ.	642.45	Epicurean philosophy	187
Enthusiasm	psychology 157	Epicurism	dom. econ. 641.01
religious	269	<b>Epidemic</b>	
Enthymeme	logic 166	catarrh	diseases 616.203
<b>Entity</b>		monomania	derangem'ts 132.1
of state	political science 320.15	<b>Epidemics</b>	
Entoderm	anatomy 611.01337	contagious diseases	614.5
<b>Entomology</b>	<b>zology 595.7</b>	diseases	616
Entomophthoræ	botany 589.229	library economy	024.47
Entomostraca	zoology 595.31	public helth	614.49
Entoptic phenomena	612.8434	Epidermal layer	embryol. 611.0135
Entozoa	parasitic dis. 616.962	Epidermis	anatomy 611.771
zoology	595.1	Epididymis	" 611.632
<b>Entrance</b>			
halls	lib. bldgs 022.681		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Epigastric			Equation	
artery, inferior	anat.	611.13781	of center orbits	521.38
superior	"	611.1345	time chronology	529.1
plexus	"	611.83931	personal astron. correc.	522.97
region	"	611.951	Equations, algebraic	512.3
Epigenesis	spontan. gener.	576.1	chemic	541.9
Epiglottis	anatomy	611.221	indeterminate	512.23
	physiology	612.7825	<b>numeric</b>	512.2
<sup>5</sup> Epigrams	Eng. literature	828	theory of	512.82
Epigynæ	botany	584.2	trigonometric	514.4
Epilepsy			Equator, inclina. of seas'ns	525.51
cortical	physiology	612.8253	Equatorial	
diseases		616.853	belt earth	525.14
institutions		362.8	mounting telescopes	522.26
Epineurium	histology	611.018835	telescope astron.	522.46
Epiphany	Anglican fest.	264.031	Equestrian exercise	798
Epipharynx	anatomy	611.3271	Equilibrium	
Epiphysis cerebri	"	611.8145	astronomy laws	521.11
Epiploon	"	611.382	chemistry	541.39
Epirus	ancient history	938.2	of liquids physics	532.2
Episcopacy	sects	283	rotating spheroid	526.12
Episcopal charges	serm.	252.1	sense of physiology	612.886
church		283	Equinoxes	astronomy 525.5
	in Scot.	283.41	Equipment of armies	355.8
	orders ministry	262.17	navies	359
Episcopalians	biografy	922.3	ships	623.86
Episcopate	ministry	262.12	Equisetæ	botany 587.2
Epispastics	therapeutics	615.774	Equity law	347.8
Epistles	Anglican ritual	264.036	of redemp. law	347.2
	Bible	227	Equivalence of force	phys. 531.21
<sup>5</sup>	Eng. literature	826	theoret. chem.	541.2
<sup>5</sup> Epistolary writers, Eng.		928.26	Equivalent projec. on maps	526.85
Epistolografy		808.6	Equivocation	ethics 177.3
Epistropheus	anatomy	611.7113	Erbium	metals 546.65
Epitafs	genealogy	929.5	Erckmann, Emile	Fr. fic. 843.85
	monuments	718	Erectil tissues	vasomotors 612.188
Epithalamus	anatomy	611.8145	Erection	physiology 612.612
Epithelial tissue	histology	611.0187	Erector spinae	anatomy 611.7313
Epitheliums, glandular		612.409	Erepsin	physiology 612.3324
<sup>3</sup> Epithets	Eng. language	426.8	Eretrian philosofers	183.7
Epitrochleal glands	anat.	611.4672	Ergograf	physiology 612.744211
Epizoa	parasites, zoology	591.69	Ergot	stimulants 615.711
Epizootic diseases	vet. med.	619	uterins	615.766
Epoophoron	anatomy	611.6676	Eric the Red	discov. of Am. 973.13
<sup>1</sup> Equador	history	986	Ericaceæ	botany 583.62
Equality			Ericales	" 583.6
legal	political science	323.42	Ericson, Leif	discov. of Am. 973.13
of individuals	"	323.41	Erie canal	U. S. history 973.55
races	"	323.41	<sup>1</sup>	co. N. Y. " 974.796
social ethics		177.5	<sup>1</sup>	O. " 977.122
Equalization			<sup>1</sup>	Pa. " 974.899
of representation	pol. sci.	328.3345		Ft. capture U.S. hist. 973.5237
Equation				Lake, battle " 973.5254
machine	astron. instru.	522.54	Eriocaulæ	botany 584.81

Erizzo, S. Ital. fiction	853.43	Estates	law	347.6
Erlenmeyer flasks chem.	542.231		of the realm	328
Erosion geology	551.3		social classes	323.3
Erotica ethics	176	Esters	organic chem.	547.4
Errata proofreading	655.25	Esther	Apocrypha	229.2
Erratic boulders geology	551.33		Bible	222.9
Errhines therapeutics	615.726	Esthesiometers	physiology	612.8831
Error, sources of logic	165	Esthetics	architecture	720.1
<sup>3</sup> Errors, gram. Eng. lang.	428.3		fine arts	701
of observ. probabil.	519.6		gastronomy	641.01
<sup>3</sup> speech Eng. lang.	428.3		literature	801
popular delusions	133.7	<sup>1</sup> Esthonia, Russia	history	947.4
<sup>4</sup> Erse language	491.61		travel	914.74
Eruptions volcanoes	551.21	Estimates	building	602.5
Eruptiv fevers diseases	616.911	<sup>1</sup> Estramadura, Sp.	history	946.2
Erysipelas "	616.942	Etchers	biografy	927.6
Erythrocytes physiol.	612.111	Etching		767
<sup>1</sup> Erzerum, Asiat. Turk. hist.	956.6	Eternal life	doc. theol.	237
Escalators mech. engin'g	621.8676		punish. " "	237.7
Escapements watchmaking	681	Eternity	doctrins	237.1
Escharotics therapeutics	615.775		natural theol.	218
Eschatology	236	Ether	anesthetics	615.781
Esdras Bible	229.1		light	535.1
Eskimo dress dom. econ.	646.091		physics	530.1
history	998		poisons	615.965
Esophageal			temperance	178.8
artery anatomy	611.1355	Etherege, Sir G: Eng. dram.		822.42
branches of vagus "	611.831919	Ethers	chem. tech.	668.5
<b>Esophagus anatomy</b>	<b>611.329</b>		organ. chem.	547.4
diseases of	616.32	Ethical culture societies		170.6
physiology	612.315		education	377.2
Esperanto language	408.9		ethics	170.7
Espronceda, J. de Span. poet.	861.52	<b>Ethics</b>		<b>170</b>
Esquinaux dress	646.091		legal	174.3
history	998		of copyright	655.61
Essayists, Eng. biografy	928.24		relation to pol. econ.	330.1917
Fr. "	928.44		social	177
Ger. "	928.34	Ethiopia	ancient history	939.78
<sup>5</sup> Essays Eng. literature	824	<sup>1</sup>	modern "	966
general collections	040	<sup>4</sup> Ethiopic language		492.8
<sup>2</sup> special topic see subj.		Ethmoid bone	anatomy	611.7156
Essence metaphysics	121	Ethnic religions		290
Essences chem. tech.	668.5	Ethnografic		
Essenes Jewish relig.	296		basis theory of state	320.121
Essential oils chem. tech.	668.5	Ethnografy		572
<sup>1</sup> Essex, England hist.	942.67	Ethnology		572
<sup>1</sup> co. Mass. "	974.45	Ethnopsychology		136.4
<sup>1</sup> N. J. "	974.931	Etiology	medicin	616.01
<sup>1</sup> N. Y. "	974.753	Etiquet	customs	395
travel	917.4753		ethics	177.1
<sup>1</sup> Ont. history	971.331	Etruria	ancient history	937.5
<sup>1</sup> Vt. "	974.32	Etruscan architecture		722.6
ship U.S. war 1812	973.5255	<sup>4</sup>	language	477.5
Establish church, Anglican	283	Etudes	piano music	786.47

<sup>3</sup> Etymologies Eng. lang.	422	Evangelistic	
Etymology		art	246.7
comparativ philology	412	music ecclesiology	246.7
<sup>3</sup> inflection Eng. lang.	425.1	sacred music	783.7
<sup>4</sup> other "		work pastoral theol.	253
Euboea ancient history	938.4	writings practical "	243
Eubulides Greek philos.	183.6	<sup>1</sup> Evansville, Ind. history	977.233
Eucharist sacrament	265.3	Evaporating dishes chem.	542.232
Eucharistic		Evaporation	
music religious art	246.8	cutaneous physiol.	612.524
vessels sacred furniture	247.8	food preservation	641.4
Euchre amusements	795	heat chemistry	542.48
Euclid Greek filosofers	183.6	meteorology	551.57
Euclidian geometry	513	physics	536.44
Eudemonism		pulmonary physiol.	612.523
private ethics	171.4	steam engineering	621.18413
public "	171.5	vacuum chemistry	542.77
Eudemus Greek filosofers	185.3	Evening	
Eudiometer exper. chem.	542.76	opening lib. econ.	024.33
Eudiometry quant. anal.	545.7	prayer Anglic. ritual	264.034
Euganoids zoology	597.4	fam. devotions	249
Eugenics evolution	575.1	personal "	248
Eugubine tables Umbrian		schools pub. education	379.19
language	477.4	self "	374.8
Eulerian integrals calculus	517.32	work lib. econ.	023.631
Eulogies biografy	920	Everaert, Cornelis Dut. lit.	839.3124
sermons	252.9	Everett, Edward Am. orat.	815.31
Euphonium wind instr.	788.44	shorthand	653.72
Euphorbiaceæ botany	583.951	Evergreens coniferae	585.2
Euphuism rhetoric	808	horticulture	715
<sup>1</sup> Eure, France history	944.24	Everlasting punishment	237.7
<sup>1</sup> et Loir, Fr. "	944.51	Evidence circumstantial	347.94
Euripides Greek drama	882.3	law	347.94
Europe antiquities	913.4	logic	163
botany	581.94	Evidences of Christianity	239
eccles. hist.	274	Evil eye	133.4
geology	554	natural theology	216
history	940	origin of	216
religious hist.	274	pessimism	149.6
statistics	314	sin	233
travels	914	spirits	235
European plan table syst.	642.53	theodicy	231.8
politics parties	329.94	Evolution	
Europium inorg. chem.	546.606	algebra	512.7
Eurypterida fossils	565.3	arithmetic	511.7
Eustachian tube anatomy	611.856	biology	575
ear dis.	617.86	effect of nervous system	612.8013
physiol.	612.856	ethics	171.7
valv anatomy	611.12662	natural theology	213
Eutaw Springs Am. revol.	973.3373	theory of state	320.153
Evald, Johannes Dan. poet	839.8152	Ex libris	097
Evaluation of books	028.8	Exact reference lit. meth.	029.1
Evangelic alliance relig.	206	Examination	
Evangelist ministry	262.15	civil servis	351.3

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Examination			Excrements physiology	612.361
for academic degrees	378.244		Excreta, disinfection	614.48
of credentials	324.423		Excretion	
teachers education	371.13		biliary physiol.	612.3577
papers Eng. philol.	428.9		physiologic zoology	591.14
post mortem pathology	616.079		physiology	612.4
school education	371.27		Excretions, respiratory	612.26
Examinations			Excretory organs	
competitiv civil serv.	351.3		comparativ anatomy	591.44
schools	371.27		descriptiv "	591.74
Examining boards, med.	614.24		Excuses, readers' lib. econ.	024.73
Exanthemata contag. dis.	614.52		Execution criminal law	343.2
Excavating machinery	621.86		Executiv	
Excavation			advice to legis. bodies	328.372
foundations architec.	721.12		department const. law	342
engin'g	624.152		lib. admin.	025.1
mining	622.21		offiser library gov't	023.4
Excavations antiquities	913		titles	023.71
Excess of food hygiene	613.25		powers of legis. bodies	328.252
Exchange			session " "	328.357
bills of law	347.7		Executors law	347.6
money	332.5		Exegesis Bible	220.6
department lib. econ.	025.266		Exemplaria typographica	090
international money	332.45		Exemption from mil. servis	355.2
of duplicates lib. admin.	025.266		taxation	336.29
prisoners Amer. revol.	973.373		Exercise	
U.S.civ.war.	973.773		children's dom. econ.	649.5
professors	378.12		for library workers	023.54
specimens biology	579.614		hygiene	613.7
stock	332.6		physiology of	612.7661
tables business	658		therapeutics	615.743
territorial pol. sci.	320.1267		Exertion, excessiv, effects of	616.983
Exchanges			Exhalation	
architecture	725.25		cutaneous physiology	612.793
library law	021.85		of vapor zoology	591.129
methods	025.226		water vapor physiol.	612.25
telephone central	621.3854		Exhaust pipe locom. boiler	621.1335
private	621.3858		steam, utilization	621.1858
Exchequer			Exhaustion, effects of dis.	616.986
Great Britain adminis.	354.422		Exhibition cases, library	022.931
finance	336.42		halls architec.	725.91
United States adminis.	353.2		room lib. bldg	022.657
finance	336.73		Exhibitions, bilding	690.6
Excise laws	336.27		international	606
offises architecture	725.14		of art	708
public funds	336.27		industry	606
Excitability			school	371.29
cerebral physiol.	612.8251		special see subj.	
of cord "	612.832		Exhortations pub. worsh.	264.6
Excitants therapeutics	615.785		Exile punishments	343.2
Exclusion			social ethics	177.8
from suffrage pol. sci.	324.17		Exodus Bible	222.12
Excommunication ecl. pol.	262.9		Exofficio	
Excrementa sewerage	628.2		members of legis. bodies	328.332

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Exoffisers		Export duties U. S. tariff	336.26
exofficio in legis. bodies	328.3323	Exportation commerce	382
Exogamy customs	392.5	Exports	382
Exorcism	133.4	free trade	337
Exotics horticulture	716	Expositions useful arts	606
Expanding bullets	623.45535	<sup>2</sup> special see subject	
Expansion		Expository sermons	252.8
heat physics	536.41	Exposure	
joints steam eng.	621.1857	of children customs	392.2
system, direct refrig.	621.5652	ded "	393.4
territorial pol. sci.	320.126	to cold protection of life	614.87
Expatriation	341.5	Expresidents	
Expectorants therapeu.	615.721	in legis. bodies	328.3322
Expedition, see specific name		Express companies sociol.	385
Expeditions, scientific	508.3	useful arts	656
Expellent forces obstet.	618.51	Expression	
<b>Expenditure, pub. finance</b>	<b>336</b>	facial art anatomy	743
Expenses		physiognomy	138
allowance to teachers	371.163	musical	780.1
domestic economy	647.1	practical chemistry	542.68
library finance	025.116	Expropriation realty	347.2
living teachers sal.	371.164	Expulsion	
of college students	378.38	legislativ bodies	328.344
traveling, of legislators	328.333	school disciplin	371.56
Experience		Extatics mental derange.	132.5
Experiment stations, agric	630.7	Extemporaneous speaking	808.5
Experimental chemistry	542	Extempore prayer	264.1
psychology	612.821	Extension	
Experiments, chemic	542	courses dom. econ.	640.714
fertilizer	631.88	education	374.6
physics	530.7	relation to lib.	021.44
Expert, library	023.4	of libraries	021.6
Exploding devices mil. eng.	623.454	university	378.13
Exploitation mining	622.3	Extensometer	620.112
Exploration hygiene	613.69	Extensor	
mining	622.1	carpi radialis breviar	611.73763
Explorations	910	longus	611.73762
history of	910.9	ulnaris	611.73764
scientific	508.3	digitorum longus	611.73842
Explorers biograpy	923.9	hallucis "	611.73843
Explosions		of index finger	611.73769
history of	614.83	Extensors of fingers	611.73765
of ammuniton	623.483	forearm	611.7376
fire damp min. eng.	622.81	thumb	611.73768
protection of life	614.83	External	
Explosiv bullets	623.45535	agencies therapeutics	615.77
Explosivs		ear anatomy	611.858
chemic technology	662	diseases of	617.81
factory storage	621.7964	physiology	612.851
manufacture hygiene	613.66	motoroculi nerv, see Sixth nerv	
protoc. of life	614.831	plastering and stucco	693.61
military engineering	623.452	walls, incrusted architec.	729.61
mining dangers	622.85	windows arch. const.	721.84
Exponential formulae trig.	514.3	Extinct animals paleon.	560

- Extinct plants paleon. 561
- Extinction  
of fire protec. of life 614.843  
species 575.6  
painless, of animal life 614.971
- Extra  
books for readers lib. 024.71  
fingers or toes surgery 617.36  
pay legislativ patronage 328.3626  
wage scales 331.225  
session legislativ bodies 328.358  
time for readers lib. 024.72
- Extraction mining 622.6  
of teeth 617.66
- Extractors laundry mach. 648.3
- <sup>5</sup>Extracts Eng. literature 828  
chem. tech. 668.5  
on special subjects see subject
- Extradition internat. law 341.4
- Extraterritoriality 341.7
- Extra-uterin pregnancy 618.31
- Extravagance col. students 378.38
- Extreme unction sacram. 265.7
- Extremities, lower, anat. 611.98  
surgery 617.58  
upper, anat. 611.97  
surgery 617.57
- Exudations physiology 612.381
- Eye, *see* Eyes
- Eyebrows anatomy 611.8476
- Eyelashes " 611.8475
- Eyelids " 611.847  
and motoroculi physiol. 612.81932  
eye-diseases 617.77
- Eye-piece telescope 522.23
- Eyes  
anatomy 611.84  
artificial surgery 617.79  
asylums for blind 362.4  
care of hygiene 613.49  
school hygiene 371.72  
diagnosis pathology 616.073  
diseases of surgery 617.7  
hospitals 362.1  
architecture 725.51  
muscles anatomy 611.7325  
innervation of 612.81933  
optics 535.7  
physiology 612.84  
protection in factories 628.512  
psychology 152.1
- Ezekiel Bible 224.4
- Ezra " 222.7
- <sup>4</sup>Fables Eng. literature 828
- Fabre d'Eglantine, P. F. N.  
French drama 842.64
- Fabrics  
balloon aeronautics 629.161  
textil manufacture 677
- Façades architecture 729.1
- Face  
anatomy 611.92  
bones anat. 611.716  
lymphatic glands " 611.462  
lymphatics " 611.4212  
surgery 617.52
- Faces of type printing 655.24
- <sup>4</sup>Facetiae Eng. literature 827
- Facial  
angle craniology 573.7  
artery anatomy 611.13323  
muscles, effect of nervs on 612.81971  
nerv anatomy 611.8317  
nucleus " 611.8176  
physiol. 612.8197  
paralysis " 612.81978  
veins anatomy 611.14517
- Facsimile telegraf elec. eng. 621.3827
- Facsimiles class with originals
- Factories  
architecture 725.4  
arrangement engin'g 621.7  
care of dom econ. 647.964  
carriage and car arch. 725.45  
cooperativ pol. econ. 334.6  
furniture architecture 725.44  
sanitation in 628.51  
useful arts 670
- Factors and brokers law 347.7
- Factory  
inspection polit. econ. 331.82  
laws polit. econ. 338.9  
management bus. meth. 658  
system labor and wages 331  
waste sanitary engin'g 628.54
- Faculæ sun 523.74
- Faculty  
intuitiv mental science 156  
libraries 023.73  
schools 371.1  
universities and colleges 378.12
- Fagging student life 371.82
- Fahlbands econom. geol. 553.17
- Fahlcrantz, K. E. Swed. sat. 839.7763
- Faience ware pottery 738
- Failures, trade 332.7
- Fair Oaks, Va. battle 973.7327

Fairbairn wheels	621.223
<sup>1</sup> Fairfield co. Ct. history	974.69
<sup>1</sup> O. "	977.158
Fairies	398.4
Fairs agricultural	630.6
amusements	791
commercial	381
industrial	606
library support	021.96
social customs	394.6
<sup>6</sup> Fairy tales Eng. lit.	823
folklore	398.4
mythology	291
Faith	
confessions of creeds	238
pub. worship	264.5
cure religion	265.8
therapeutics	615.852
doctrinal theology	234.2
logic of assent	163
Falconry amusements	799
Faldella, G. Ital. fiction	853.85
Faliscus, Gratus Lat. poet	871.4
<sup>1</sup> Falkland islands history	997
travels	919.7
Fall of ground mines	622.83
man doct. theol.	233.1
Fallacies logic	165
Fallen, parish care of	258
Fallières French history	944.08
Falling bodies	
deviation astron.	525.37
laws physics	531.52
Fallopian tubes anatomy	611.656
gynecol.	618.12
False elements chemistry	546.99
returns elections	324.275
Falsehood ethics	177.3
Falsten, Enevold Dan. dra.	839.8254
Falster, Kristian " poet	839.8143
Falx cerebelli anatomy	611.8195
cerebri "	611.8195
Fame social ethics	177
Family	
devotions prac. religion	249
ethics	173
form of state	321.1
genealogies	929.2
histories	929.2
hotels architecture	728.2
law	347.6
libraries	027.1
meals dom. econ.	642.1
medicin	616.02

Family	
relations customs	392.3
to state	323.45
worship	249
Famin fever diseases	616.924
hygiene	613.24
Famins	616.985
Fanariots description	914.961
Fanaticism religion	248
Fancy mental faculties	155.1
Fancywork	746
Fanning mills	621.63
Fans blowing engines	621.63
mining engineering	622.44
revolving	648.7
toilet	391.7
ventilation	697.9
Fantasia music	786.42
Fantom circuits tel. lines	621.38295
Faraday tubes prac. ch.	542.79
Faradization elec. medicin	615.84
Farces amusements	792
<sup>5</sup> Eng. drama	822
Farewell sermons	252.9
Farina, S. Ital. fiction	853.86
Farinaceous foods	
dom. economy	641.13
Farm	631
houses architecture	728.67
machinery agric.	631
produce economics	338.1
Farmers general finance	336.19
institutes	630.7
occupa. hygiene	613.64
wives clubs	640.714
Farming agriculture	630
profits pol. econ.	338.1
Farms, sewage san. eng.	628.37
Farmsted	631
Farmyard manures	631.86
Faro amusements	795
ethics	175.5
<sup>1</sup> Faroe islands history	949.1
<sup>4</sup> Faroese language	439.6
<sup>5</sup> literature	839.6
Farquhar, G: Eng. drama	822.48
Farrer Catalan poetry	849.9134
Farriery horse shoeing	682.1
vet. medicin	619.1
<sup>1</sup> Farther India history	959
Fascia dentata hippocampi	611.81314
Fasciae anatomy	611.74
diseases of	616.75
Fascination animals	591.57



- Fashion** customs 390  
magazines 646.05
- Fashionable educa. of wom. 376.4
- Fashions** costume 391  
dom. econ. 646.01
- Fast-day cookery 641.566  
sermons 252.6
- Fastening tools mech. eng. 621.97
- Fastenings arch. constr. 721.88  
mech. eng. 621.88
- Fasti, Roman 529.3
- Fasting asceticism 248  
hygiene 613.24  
temperance 178.9
- Fasts Anglican church 264.031
- Fat disease 616.39  
in food and tissues phys. 612.3977  
lactic secretions " 612.66433  
production " 612.3522
- Fata Morgana mirage 535.3
- Fatalism natural theol. 214
- Fathers duties 173.5  
of the church hist. 270.1  
lives 922.1  
works 281.1
- Fatigue  
muscular physiol. 612.74421  
nerv. physiologic morfol. 612.82253  
nerv.-muscle. physiol. 612.8166  
of cells " 612.01432  
school hygiene 371.71  
strength of materials 620.1123
- Fats  
absorption  
by skin physiol. 612.7912  
in intestin " 612.33273  
stomach " 612.32273  
adulterations 614.313  
animal chem. technol. 665.2  
chemistry of food 641.14  
digestion  
in intestin physiol. 612.3323  
stomach " 612.3223  
in milk " 612.66413  
nutrition 612.397  
organic chemistry 547  
physiology 612.397  
protectiv exter. agents 615.776  
tryptic digestion 612.3423  
vegetable chem. tech. 665.3
- Fatty substances in blood 612.123
- Fauces** anatomy 611.32  
diseases of 616.31
- Faucial tonsils anatomy 611.323
- Faults structural geol. 551.87  
theory of min. eng. 622.16
- Fauna** zoology 591.9
- Faure accumulators eng. 621.3553
- Faust legend legends 398.2
- Favorites, royal biog. 923.9
- Favors school rewards 371.53
- <sup>1</sup>Fayette co. Ill. history 977.3797  
travels 917.73797
- <sup>1</sup> Ind. history 977.262
- <sup>1</sup> Ia. " 977.735
- <sup>1</sup> O. " 977.181
- <sup>1</sup> Pa. " 974.884
- <sup>1</sup> W.Va. " 975.471
- Fear physiol. psychol. 612.82133  
psychology 157
- Feasts Anglican church 264.031  
Rom. cath. " 264.021  
social customs 394.1
- Feathers, *see* Fethers
- Features of surface moon 523.34  
sun 523.74
- Febler Catalan poetry 849.9112
- Fecal secretion phys. zool. 591.149
- Feces physiology 612.361
- Fecundation botany 581.166  
embryol. 611.0132  
phys. zool. 591.166  
physiol. 612.613
- Fecundity physiology 612.663
- Federal gov't polit. sci. 321.8  
party Am. politics 329.1  
state pol. sci. 321.021
- Federalism polit. science 321.8
- Federalists U. S. history 973.4
- Federation, imperial Brit. 354.4201  
pol. sci. 321.021
- Feeble-minded  
asylums for 362.3  
arch. 725.53  
childstudy 136.762  
education of 371.92  
mental derangements 132.2
- Feed mills architecture 725.47
- Feeder  
electric traction 621.33217  
panels elec. eng. 621.31724
- Feeding  
boiler steam eng. 621.1942  
of animals animal hyg. 614.95  
school children 371.716
- Feedwater appliances 621.1972  
boiler 621.1943

<sup>1</sup> Feejee ilands history	996.1	Femur	anat. 611.7184
travels	919.61	Fences	
Feelings emotions	157	law	347.2
Fees		railway equipment	625.18
bilding	692.8	Fencing amusements	796
gratuities	331.238	school hygiene	371.734
legislativ employees	328.3626	Fenian invasion of Can.	
membership library	021.97	Can. hist.	971.048
nonresident tuition	379.13	U. S. hist.	973.81
professional	331.27	<b>Fenianism</b> Irish history	941.5
readers lib. econ.	024.2	polit. assoc.	363
teachers	371.162	Fenollar, B. Catalan poet.	849.9132
tuition education	371.22	Fens physical geol.	551.49
Feet, artificial surgery	617.58	public helth	614.772
costumes	391.4	Ferdinand 1 German hist.	943.032
<sup>3</sup> English prosody	426.3	2 " "	943.042
<b>human anatomy</b>	<b>611.986</b>	3 " "	943.043
weights and mesures	389	6 Span. "	946.056
Feijóoy Montenegro, B. J.		7 " "	946.07
Spanish misc.	868.41	and Isabella	946.03
Feitama, Sybrand Dut. lit.	839.3144	<sup>1</sup> Ferghana, Turkestan "	958.7
Feith, Rhijnvis Dut. fic.	839.3343	Ferguson, E.. Am. poetry	811.16
Felata ethnology	572.9662	<sup>1</sup> Fermanagh, Ireland hist.	941.68
Sudan, trav.	916.62	Fermentation	
Feldspar econ. geol.	553.69	chemic technology	663.1
mineralogy	549.61	effect of barometric press.	612.276
<b>Fellenberg's system educa.</b>	<b>371.42</b>	lactic physiology	612.66417
Fellowship, church	265.2	<b>yeast, etc.</b>	<b>589.9</b>
Fellowships colleges	378.33	Fermented	
Felons criminal law	343	<b>beverages adulterations</b>	<b>614.341</b>
Felsites lithology	552.27	chem. tech.	663.1
Felt roofing	695.7	<b>temperance</b>	<b>178</b>
Female		Ferments	
colleges education	376.8	aids to digestion	615.7342
education	376	fibrogenous physiology	612.11512
customs	396.4	in blood	612.128
<b>employments</b>	<b>396.5</b>	liver	612.35111
<b>functions of generation</b>	<b>612.62</b>	materia medica	615.35
labor polit. economy	331.4	milkcurdling physiol.	612.3216
seminaries	376.9	<b>physiologic chemistry</b>	<b>612.0151</b>
servants dom. economy	647.23	Fermeries horticulture	716.5
sex duties	173	Ferns botany	587.3
suffrage	324.3	paleontology	561.73
Females, mortality of	614.143	<sup>1</sup> Ferrara Italy history	945.4
Feminization of teach. force	371.18	Ferrari, P. Ital. drama	852.75
Femoral		Ferrets zoology	599.7
adductors anatomy	611.73824	Ferries state control	351.814
artery "	611.13783	transportation	656
biceps "	611.73827	Ferrotypes photography	772
glands "	611.4682	Ferry boats shipbilding	623.8234
nerv "	611.8355	bridges docks	627.3
<b>quadriceps</b>	<b>611.73822</b>	Fertility fecundity	612.663
veins "	611.1473	Fertilization botany	581.16
Femorotibial ligament anat.	611.72831	zoology	591.166

Fertilizer experiments	631.88	Fibers	
Fertilizers		connectiv histology	611.01822
agriculture	631.8	nerv physiology	612.81
chemic technology	668.6	textil dom. economy	646.1
commercial air pollution	614.748	Fibrillae physiol. of sight	612.84371
farming	631.8	Fibrillar nerv struc. histol.	611.01882
manufacture	668.6	Fibrin physiol. of blood	612.1151
from sewage	628.49	nutrition	612.398133
nature	631.81	Fibrinogen physiology	612.11512
nitrogen	631.84	Fibrinogens nutrition	612.398132
potash	631.83	Fibrinoplastic	
uses	631.81	ferments physiol.	612.11512
Fertilizing principles, loss of	631.814	substances nutrition	612.398132
Ferules, boiler steam eng.	621.18453	Fibrinoplastin physiology	612.1151
Fessenden, T:G. Am.satire	817.22	Fibrous	
Festiv piano music	786.46	coats of eye anatomy	611.841
Festivals amusements	791	materials agriculture	633
Anglican ch.	264.031	manufacture	677
cathedral music	783.28	tissue histology	611.01828
labor holidays	331.817	Fibula anatomy	611.7186
of song music	784.5	Fichte German philos.	193.3
Fetal		idealism	141
appendages embryol.	611.0138	Ficoidales botany	583.47
pathol. of	618.34	Ficoideæ "	583.475
hepatic veins anatomy	611.1497	Fiction	
portal vein "	611.143	American literature	813
Fethers birds	598.2	buying library econ.	025.216
compar. anat.	611.787	English literature	823
zoology	591.49	reading of	028.4
dom. materials	646.17	U. S. hist. civil war	973.793
Fetishism	299	revolution	973.393
Fetus		war of 1812	973.5293
abnormalities of	618.53	writing	808.3
deth and retention of	618.33	Fictitious	
obstacles to expulsion of	618.52	characters, dictionary of	803
physiologic zoology	591.3	imprints	014
physiology of	612.647	names pseudonyms	014
Fetuses		titles of books	098
coalescence of deform.	617.35	Fidelity ethics	177.3
Feudal institutions	321.3	Pief political science	321.3
law	321.3	Field	
tenure law	347.2	artillery mil. eng.	623.412
Feudalism, age of Eur. hist.	940.3	books engineering	620.8
political science	321.3	cores elec. "	621.316
Feuillet, Octave Fr. fict.	843.83	crops	633
Fever		fortifications mil. eng.	623.1
animal heat	612.556	guns firing	623.551
lung diseases	616.241	mounts ordnance	623.431
typhoid public helth	614.511	of vision physiology	612.8436
Fevers, eruptiv diseases	616.911	operations geodesy	526.25
gen. works on path.	616.92	geology	550.7
<sup>1</sup> Fezzan, Africa history	961.3	sports	796
Fibers		work, triangulation geod.	526.3
agriculture	633	Fielding, H: Eng. fiction	823.52

Fife	musical instruments	788.5	<b>Filth diseases</b>	pub. helth	614.51
<sup>1</sup>	Scotland	history 941.33	Filtration		
<b>Fifth nerv</b>	<b>anatomy</b>	<b>611.8315</b>	areas	sewage	628.368
	<b>physiology</b>	<b>612.8195</b>	hygiene		613.35
Fighting, animal		175.6	industrial sanitation		628.545
prize		175.6	practical chemistry		542.67
	vessels	shipbuilding 623.825	sewage		628.35
Figs	agriculture	634.6	water supply		628.16
	botany	583.962	Fimbria	anatomy	611.81314
Figure			Final causes	metaphysics	124
human, in art	art anat.	743	clauses	Gk syntax	485.4
of earth	astronomy	525.14	Finale	orchest. music	785.1
	<b>geodesy</b>	<b>526.1</b>	<b>Finance</b>	<b>political econ.</b>	<b>336</b>
windows	arch. decor.	729.84	Finances	dom. economy	647.1
Figureheads	carving	736	lib.	"	025.11
Figures			local gov't		352.1
correlation of	geometry	513.57	Financial		
of heavenly bodies	astron.	521.14	<b>administrat.</b>	<b>civ. servis</b>	<b>351.71</b>
prosody	Eng. lang.	426.4		of lib. trust.	023.36
	Gk	486.4	bills	legislation	328.376
	Lat.	476.4	crises	pol. economy	332
<sup>1</sup>	other lang.		<b>institutions</b>	" "	<b>332</b>
rhetoric		808	<b>Financiers</b>	<b>biografy</b>	<b>923.3</b>
<sup>1</sup> Fiji ilands	history	996.1	Finches	birds	598.8
<b>Filament lamps</b>	<b>elec. light.</b>	<b>621.326</b>	Finding latitude		525.41
Filangeri, G.	Ital. essays	854.66		at sea	527.1
Files			<b>longitude</b>		<b>525.46</b>
letter	lib. administrat.	025.156		at sea	527.2
literary methods		029.3	merid. line	astron.	522.31
mechanical engin'g		621.924	<b>time</b>		<b>529.7</b>
newspaper	lib. econ.	022.935		at sea	527.3
offis equipment		651	<sup>1</sup> Findlay, O.	history	977.1191
vertical	library econ.	022.916	<b>Fine arts</b>		<b>700</b>
Filial duty	ethics	173.6	<b>biografy of</b>		<b>927</b>
Filibuster			Fines, capital and labor		331.1
exped. to Cuba	U.S.hist.	973.64	imposition	lib. econ.	024.63
Walker's	" "	973.66	remission	" "	024.73
	Mex. "	972.06	Finger		
Filibusters	criminal law	343	alphabet, def and dumb		371.912
	Cuban history	972.91	joints	anatomy	611.7279
	pirates	910.4	little, muscles of	"	611.73776
Filicaja, V. da	Ital. poetry	851.54	prints	anthropology	573.6
Filicinæ	botany	587.3	rings	costumes	391.7
Filing machines	mech.eng.	621.924	Fingers	anat.	611.977
Filioque contro.	theology	231.3	extensors of	"	611.73765
Filipinos	ethnology	572.9914	extra	deformities	617.36
Fillets	anatomy	611.8167	Finials	roof decoration	721.56
Filling teeth	dentistry	617.67	Finishing	painting	698.3
Fillmore, M.	presidency of	973.64		shop mfg plant	621.795
Fills	railway engin'g	625.12	<sup>1</sup> Finistère, France	history	944.11
Filter basins	waterworks	628.16	Finite and infinit	metaph.	125
presses	sewage	628.343	differences	calculus	517.6
Filters, feedwater	engin'g	621.1972	<sup>1</sup> Finland, Russia	history	947.1
<b>Filth diseases</b>	<b>pathology</b>	<b>616.93</b>		travel	914.71

Finnish language	494	Fireworks	
literature	894	destructiv mil. eng.	623.4543
Finno-Hungarian language	494	illuminating " "	623.4544
Fiorentino, G. Ital. fiction	853.22	<b>Firing</b> gunnery	623.55
<b>Fire</b>		boiler steam. eng.	621.1941
alarm stations archit.	725.19	mechanism ordn.	623.4242
alarms signals	654.7	First cause metaphysics	122
<b>arms ordnance</b>	623.4	editions rarities	094
small army equip.	355.82	<sup>s</sup> lessons in Eng. lang.	428.2
manufacture	683	nerv anatomy	611.8311
mil. engin'g	623.44	physiology	612.8191
balls meteors	523.52	Fischart, J; Ger. satire	837.42
boats shipblding	623.826	<b>Fish</b>	
chemistry	541.39	air pollution	614.741
clays econom. geol.	553.61	as food dom. economy	641.3
commission boats	623.826	hygiene	613.29
departments administ.	352.3	commission	639
engins mechan. eng.	621.68	culture business	639.3
protec. of life	614.846	ded air pollution	614.763
escapes " " "	614.847	diseases of	619.9
exits " " "	614.848	fertilizers	631.844
extinction automatic	614.844	fresh, inspection of	614.317
chemic	614.845	markets dom. econ.	641.4
local gov't	352.3	preservation chem. tech.	664.9
insurance	368.1	preservd, inspection of	614.319
physics	536.46	trade economics	338.3
worshippers	295	Fisher, Ft N. C.	
Firebox locomotiv boiler	621.1332	capture U.S. civ. war	973.7383
Fireless cookers dom. econ	643.338	expedition " " "	973.7375
cookery " "	641.588	naval hist. " " "	973.754-5
Firemen fire dep'ts	352.3	<b>Fisheries</b>	
Firenzuola, A. Ital. fiction	853.34	business	639.2
<b>Fireplaces</b>		ownership polit. econ.	333.9
artistic	749	production	338.3
domestic economy	644.15	treaty, 1888 U.S.hist.	973.85
heating	697.1	Fishermen's occupat. hyg.	613.64
kitchen	643.331	<b>Fishes</b> paleontology	567
<b>Fireproof</b>		zoology	597
bildings bilding	693.8	Fishing business	639.2
libraries	022.24	sports	799
public helth	614.841	Fishplates railroad engin'g	625.15
depositories architect.	725.24	Fishtail burners chem.	542.44
piers and colums	721.36	Fishways fish culture	639.3
Fireproofing bilding	693.8	Fission physiol. zoology	591.165
<b>Fires</b>		Fistula surgery	617.23
library lib. economy	022.26	Fistulas, intest. physiol.	612.3311
local government	352.3	<b>Fittings, library</b>	022.9
mines mining eng.	622.82	ship	623.85
protection ag'st lib. econ.	022.25	Fiume, Austria history	943.94
of life	614.84	Five Forks, Va. battle	973.7384
state regulations	351.782	<b>Fixt</b>	
Firetube boilers engin'g	621.18425	ammunition ordnance	623.453
<b>Fireworks</b>		sm. arms	623.4553
chemic technology	662.1	furniture arch. decor.	729.9

Fixt			
location	lib. economy	025.8	
oils and acids	mat. med.	615.34	
Fixtures	law	347.2	
	library	022.9	
lighting	dom. econ.	644.32	
	lib. bldgs	022.76	
Flaccus, C.V.	Lat. poetry	873.3	
Flag day	schools	371.365	
Flagellants	monas. order	271.79	
Flagellariæ	botany	584.41	
Flagellata	zoology	593.16	
Flagellation	relig. ascet.	248	
Flageolet	musical instr.	788.5	
Flags	college	378.28	
	heraldry	929.9	
	U. S. civ. war	973.763	
Flamboyant	architec. Goth.	723.54	
Flamenca	Provençal poet.	849.123	
Flames	physics	536.46	
	prac. chem.	542.5	
Flaming arcs	elec. light	621.3256	
<sup>1</sup> Flanders	history	949.3	
	travel	914.93	
Flanging machinery		621.984	
Flash boilers	engin'g	621.18427	
Flasks	prac. chem.	542.231	
Flat-bed irrigation	sewage	628.363	
Flatboats	boatbuilding	623.829	
Flats	architecture	728.2	
	nousekeeping	647.92	
Flattery	ethics	177.3	
Flaubert, G.	Fr. fiction	843.84	
Flax	agriculture	633	
	domestic economy	646.12	
	manufacture	677	
Fleas	animal parasites	616.9681	
	economic zoology	591.69	
	insects	595.77	
Fleets	naval engin'g	623.8	
	science	359	
<sup>4</sup> Flemish language		439.3	
<sup>5</sup>	literature	839.3	
	painting	759.9	
Flemming, P.	Ger. poetry	831.52	
Fletcher, G. & P.	Eng. poet.	821.37	
J:	" dram.	822.35	
Fleur de lis	heraldry	929.6	
Flexible			
bridges	engineering	624.52	
shafting		621.8235	
Flexor			
accessorius	anatomy	611.7389	
carpi ulnaris	"	611.73753	
Flexor			
digiti quinti brevis	anat.	611.7389	
digitorum longus	"	611.73858	
	profund.	611.73755	
	sublimis	611.73754	
hallucis brevis	"	611.7388	
longus	"	611.73859	
pollicis	"	611.73756	
Flexors of forearm	"	611.7375	
	thumb, short	611.73773	
Flexure			
engineering tests		620.11244	
sigmoid	anatomy	611.349	
transit instrum.	astron.	522.38	
Flies	insects	595.77	
	pests	591.65	
	artificial fishing	799	
	horse econom. zoology	591.69	
house	" "	591.67	
Flight	comp. physiol.	612.678	
	of birds migration	591.52	
<sup>1</sup> Flint Wales	history	942.93	
Flint chips	early stone age	571.15	
	implements late "	571.24	
	wepons war customs	399	
Floater	steam eng'ng	621.18472	
Floating			
batteries	naval eng.	623.9	
bodies	physics	532.3	
bridges	engineering	624.87	
det	finance	336.32	
docks	shipbuilding	623.83	
schools		371.392	
wheels	water motors	621.235	
Flogging in navy		359	
	punishments	343.2	
	school punishments	371.55	
Flood gates	hyd. mach.	621.29	
Flooding of mines		622.84	
Floods	meteorology	551.57	
	protection against	627.4	
Floor coverings	dom. econ.	645.1	
	lib. "	022.96	
	systems bridgebuilding	624.25	
Floors and flooring			
architecture		721.6	
building	joinery	694.6	
library stacks		022.435	
mosaic arch. decoration		729.73	
school bildings		371.633	
Flora, geografic		581.9	
Flora and Blancheflor		398.2	
<sup>1</sup> Florence, Italy	history	945.5	
	travels	914.55	

- 1Florence co. Wis. history 977.532  
 Florentine receivers chem. 542.66  
 Florian, J. P. C. de Fr. fic. 843.58  
 Floriculture 635.9  
   landscape gardening 716.2  
 Florida  
   ship U. S. civil war 973.757  
   state admission 973.58  
     discovery 973.16  
     expedition 973.7364  
     French settlem't 973.18  
   history 975.9  
   purchase 973.54  
   secession 973.713  
   travel 973.59  
     For military history of state,  
     see subdivisions of Special  
     campaigns and Military history  
     under 973.52, 973.7 and  
     973.89  
   war 1835-42 U. S. hist. 973.571  
 Florideæ botany 589.41  
 Flotation  
   shipbuilding 623.81  
 Flour manufacture 679  
   mills architecture 725.47  
 Flow  
   in sewers 628.222  
   of blood physiol. 612.15  
   liquids physics 532.51  
   streams meteorology 551.57  
 Flower garden, landsc. gard. 716  
 Flowering plants 582  
 Flowerless plants 586  
 Flowers botany 580  
   gardening 716.2  
   language of 716.2  
   national 929.6  
 1Floyd co. Ind. history 977.219  
 1  Ia. " 977.726  
 Flues sewer ventilation 628.233  
   smoke heating 697.8  
 Fluid vein hydraulics 532.52  
 Fluids physics 532  
   preservativ biol. 579.2  
   refrigerating 621.564  
 Flukes parasitic diseases 616.963  
 Flumes water power 621.29  
 Fluor mineralogy 549.4  
 Fluorescence light 535.3  
 Fluorin inorganic chem. 546.16  
   mineralogy 549.4  
 Flushing shafts sewers 628.254  
 Flute musical instrum. 788.5  
 Flutina music 786.9  
 Fluting irons dom. econ. 648.43  
 Fluxes metallurgy 669.8  
 Fluxions calculus 517  
 Fly, *see* Flies  
 Flycatcher birds 598.8  
 Flying  
   animal locomotion 591.47  
   fish zoology 597.5  
   grounds aeronautics 629.144  
   machines " 533.6  
     **engineering** 629.13  
 Focimeter lenses 535.81  
 Foetal, foetus, *see* Petal, fetus  
 Fog hygiene 613.14  
   meteorology 551.57  
   signals applied acous. 534.83  
     commerce 654.9  
 Fogazzaro, A. Ital. poetry 851.85  
 Föhn meteorology 551.51  
 1Foix, France history 944.88  
 Fokke, A. S. Dutch hum. 839.374  
 Folding  
   bridges engin'g 624.82  
 Folds geology 551.87  
 Folengo, Teofilo Ital. satire 857.31  
 Foliage botany 581.4  
 Folklore 398.3  
 Folksong folklore 398.8  
   music 784.4  
 Folkvisor Swed. poetry 839.7114  
 Follicles, *see* specific name  
 1Fond du Lac co. Wis. hist. 977.568  
 Fonoscribing short hand 653.2  
 Font sacred furniture 247.1  
 Fontana's spaces anatomy 611.8415  
 Fontanelles " 611.7141  
 Fontanes, Louis Fr. poet 841.62  
 Fontenelle, B. le B. de 844.51  
 1Foo Choo history 951.2  
   travels 915.12  
 Food  
   acquisition physiol. zool. 591.131  
   adulterations pub. helth 614.31  
   animal chem. tech. 664.9  
     econ. zoology 591.63  
   cand adulterations 614.318  
   chemic analysis 543.1  
     technology 664  
   chemistry of dom. econ. 641.1  
   children's " " 649.3  
   constituents, inorganic 641.15  
     organic 641.11  
   cures therapeutics 615.854  
   digestion and nutrition 612.3  
     zoology 591.13

Food			Force		
domestic economy	641		pump pneumatics	533.84	
hygiene	613.2		transmission of mill work	621.8	
influence on respiration	612.224		physics	531.8	
inspection adulterations	614.31		Forced alimentation hyg.	613.23	
of animals	591.53		draft steam eng.	621.18385	
laboring classes	331.83		Forceps obstetrics	618.81	
plants	581.13		surg. instrum.	617.91	
physiology	612.392		Ford, J: Eng. drama	822.38	
preservation			<sup>1</sup> Ford co. Ill. history	977.362	
animal chem. tech.	664.9		Forearm anat.	611.974	
vegetable " "	664.8		arteries "	611.1343	
preservd adulterations	614.318		lymphatics "	611.4217	
stuffs dom. econ.	641.3		muscles "	611.73734	
pol. "	338.1		Forebrain "	611.813	
values dom. "	641.1		Foreclosure law	347.2	
vegetable econ. botany	581.63		Foreign, <i>see</i> Foren		
zoology	591.53		Foreknowledge of God		
Fools customs	394.2		doct. theol.	231.4	
lives	920.8		Foren		
mental derangem'ts	132.2		banks polit. econ.	332.15	
Foot			bodies diseases	616.981	
arteries anatomy	611.13793		surgery	617.146	
ball amusements	797		<sup>3</sup> elements Eng. language	422.4	
bridges eng'ng	624.12		enlistment mil. sci.	355.2	
<sup>3</sup> English prosody	426.3		help dom. econ.	647.24	
human anatomy	611.986		labor polit. econ.	331.6	
lymphatics "	611.42186		law	349	
mesures	389		missions	266	
muscles anatomy	611.7387		relations internat. law	341	
prints, fossil paleontol.	566		polit. science	327	
stools dom. econ.	645.41		states administration	354	
warmers " "	644.19		trade commerce	382	
wear clothing	646.46		wars of U. S. mil. order	369.115	
Foot, S: Eng. drama	822.62		Forensic chemistry law	340.6	
Footmen dom. servis	647.3		medicin "	340.6	
Forage agriculture	633		Foreordination salvation	234.9	
Foramen interventriculare	611.8148		Forensight guns	623.4252	
of Monro	611.8148		<sup>1</sup> Forest co. Pa. history	974.868	
Foramina of metepicele	611.8185		<sup>1</sup> Wis. "	977.531	
Foraminifera zoology	593.12		trees botany	582	
Force			Forestry agriculture	634.9	
and energy statics	531.2		landsc. gard.	715	
its mesure mechan.	531.21		Forests meteorology	551.58	
centrifugal and centripet.	531.35		ownership	333.7	
composition of meohan.	531.22		state control	351.823	
electric, storage of eng.	621.35		<sup>1</sup> Forfar, Scotland history	941.31	
transmission "	621.319		Forge bellows	533.87	
physics	537.84		shop eng. works	621.73	
intermolecular physics	539.6		Forgemen's occupation hyg.	613.64	
lines of magnetism	538.1		Forgery academic degrees	378.26	
metaphysics	118		law	343	
of water river eng'ng	627.1		polit. economy	332.9	
parallel mechanics	531.24		Forging blacksmithing	682	



- Forging machinery, hyd. 621.266  
 Forgiveness of sin theology 234  
 Forks, tuning acoustics 534.3  
 Form  
   books law 347.93  
   influence on respiration 612.2291  
   musical 781.5  
   of embryo embryology 611.0137  
     legislature pol. sci. 328.39  
     state " " 321  
   ontology 111  
 Formaldehyde chemistry 547.5  
   disinfect. 614.484  
 Formatio reticularis anat. 611.8226  
 Formation  
   of character 374  
   crystals crystallog. 548.5  
<sup>1</sup>Formosa history 951.2  
   travels 915.12  
 Forms  
   elementary arch. design 729.3  
   library printing 025.121  
   of suffrage 324.2  
   strength of materials 620.1128  
 Formulae  
   exponential trigonom. 514.3  
   L. M. Z. geodesy 526.46  
   recipes, see special subj.  
   theoretic chemistry 541.9  
 Formularies materia med. 615.13  
 Fornication crim. law 343  
 Fornix anatomy 611.8139  
<sup>1</sup>Fort Dearborn massacre 977.31  
   <sup>1</sup> Dodge, Ia. history 977.7511  
   <sup>1</sup> Wayne, Ind. " 977.274  
 Forteguerrri, N. Ital. satire 857.58  
 Fortifications mil. eng. 623.1  
 Fortress  
   artillery " " 623.416  
   guns gunnery 623.553  
   mounts ordnance 623.433  
 Forts, special mil. eng. 623.19  
   systems of " " 623.13  
 Fortune-telling 133  
 Foscolo, U. Ital. poetry 851.66  
 Fossil resins econ. geol. 553.29  
 Fossils 560  
   geografic distribution 560.9  
   man 569.9  
     antiqui. of man 573.3  
 Foucault's pendulum 525.36  
 Foulahs ethnology 572.9662  
   Sudan, trav. 916.62  
 Foundation  
   bed bridge engineering 624.151  
   roadmaking 625.73  
 Foundations  
   architec. construction 721.1  
   boiler steam eng'ng 621.18457  
   bridge engin'g 624.15  
   electric lines 621.319223  
 Founders and patriots of  
   America, order of 369.125  
 Founding of libraries 021.6  
   type printing 655.21  
 Foundling asylums arch. 725.58  
   sociology 362.7  
 Foundries architecture 725.43  
   engin'g works 621.74  
   metal manufac. 671  
<sup>1</sup>Fountain co. Ind. history 977.247  
 Fountains landsc. gard. 714  
 Fouqué, La Motte Ger. fic. 833.65  
 Four-wire electric systems 621.3191324  
 Fourierism communism 335.3  
 Fourth dimension geom. 513.8  
   nerv anatomy 611.8314  
   physiol. 612.8194  
   of July schools 371.365  
     U. S. hist. 973.361  
 Fowling sport 799  
 Fowls domestic animals 636.5  
 Fox, C. J. Eng. oratory 825.63  
 Foxes zoology 599.7  
 Foxhunting amusements 799  
 Fractional currency, money 332.41  
 Fractions algebra 512.4  
   arithmetic 511.4  
 Fractures surgery 617.15  
 Frames artistic furniture 749  
 Framing carpentry 694.2  
   shipblding 623.84  
 France  
   administration 354.44  
   antiquities 913.44  
   architecture 720.944  
   botany 581.944  
   colleges 378.44  
   constitutional law 342.44  
   education 370.944  
   finance 336.44  
   geology 554.4  
   heraldry 929.6  
   <sup>1</sup> history 944  
   language 440  
   laws 349.44  
   literature 840

France			<sup>1</sup> Franklin, co. Pa. history	974.844
local government	352.044		<sup>1</sup> Vt. " "	974.31
maps	912.44		<sup>1</sup> ter. Can. "	971.29
peerages	929.741		Franks "	943.01
religious history	274.4		Franzén, F.M. Swed. poetry	839.7158
schools, public	379.44		Fraud electoral suffrage	324.27
statistics	314.4		law	347.5
titles of honor	929.74		Frauds	
travel	914.4		art history	709
treaties	341.244		fertilizers	631.818
troubles with U. S.			literary history	809
Fr. hist.	944.046		Fraudulent	
U. S. "	973.45		conveyances law	347.7
zoology	591.944		counting elections	324.275
other topics see table 1			elections U. S.	324.73
<sup>1</sup> Franche Comté, Fr. hist.	944.45		voting suffrage	324.272
Franchise, elec. pol. sci.	324		Fraunhofer's lines spectro.	535.84
Francis 1 Fr. history	944.028		Freckles dermatology	616.55
2 " "	944.029		Frederick new Ger. empire	943.084
Francis 1 Ger. history	943.055		1 Ger. history	943.024
2 " "	943.06		2 " "	943.025
Franciscan monks	271.3		3 " "	943.028
sisterhood	271.973		<sup>1</sup> Frederick city, Md. hist.	975.288
Franco-German war			<sup>1</sup> co. Md. "	975.287
French hist.	944.08		Fredericksburg, Va.	
German "	943.082		U. S. civ. war	973.7339
Franconia			Free	
house of German hist.	943.023		agency doctrinal theol.	234.9
<sup>1</sup> Lower " "	943.33		baptists sects	286.2
trav.	914.333		church of Scotland sects	285.6
<sup>1</sup> Middle " hist.	943.32		cities Ger. government	354.4309
trav.	914.332		Ital. history	945.04
<sup>1</sup> Upper " hist.	943.31		coinage of silver	332.41
trav.	914.331		hand drawing	741
Frankeniaceæ botany	583.151		importation lib. aid	021.861
<sup>1</sup> Frankfort history	943.58		institutions	
travels	914.358		love ethics	173.1
Franking privilege			news and reading rooms	027.9
legislativ prerogativs	328.237		postage library aid	021.862
library aid	021.862		public libraries	027.4
post offis	383		religion	211
Frankish emperors It. hist.	945.02		school system education	379.1
Franklin, Tenn. battle			soil party polit. party	329.6
U.S. civ. war	973.7379		U. S. history	973.61
<sup>1</sup> co. Ill. history	977.394		speech polit. science	323.443
travels	917.7394		thinkers biography	922.9
<sup>1</sup> Ind. history	977.215		thought eccles. polity	262.8
<sup>1</sup> Ia. "	977.728		rationalism	211
<sup>1</sup> Me. "	974.17		trade and protection	337
<sup>1</sup> Mass. "	974.42		use of libraries	024.28
<sup>1</sup> Mo. "	977.863		will metaphysics	123
<sup>1</sup> N. Y. "	974.755		psychology	159
<sup>1</sup> O. "	977.156		theology	234.9

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Freebooters crim. law 343  
 Freedmen  
   education of 371.974  
   in U. S. army U. S. hist. 973.7415  
   slavery 326.8  
 Freedmen's bureau 361  
 Freedom  
   and emancipation  
     slavery 326.8  
     U. S. hist. 973.714  
   metaphysics 123  
   of labor strikes 331.891  
     theory 331.011  
   man doct. theol. 233.7  
   press censorship 323.445  
     journalism 070.13  
     public order 351.751  
   speech 323.443  
   teaching education 378.121  
     pol. sci. 323.444  
   personal pol. sci. 323.44  
   political liberty 323.4  
   religious eccles. polity 262.8  
   salvation 234.9  
 Freehold land societies 334.1  
   law 347.2  
 Freeman's farm Am. rev. 973.3333  
 Freemasonry 366.1  
 Freeport, Ill. history 977.333  
 Freewill baptists 286.2  
 Freezing  
   artificial ice machines 621.58  
   food preservation 641.4  
   mixtures refrigeration 621.564  
   physics 536.43  
   process foundations 624.157  
   waterworks 628.15  
 Freight  
   boats shipblding 623.824  
   cars railway engin'g 625.24  
   elevators lib. bldgs 022.9572  
     mech. eng. 621.87772  
   ferryboats shipblding 623.8234  
   houses, R. R. architect. 725.32  
   interstate commerce 385  
   locomotivs steam eng. 621.13262  
   transportation 656  
 Freiligrath, F. Ger. poetry 831.78  
 Fremont in California  
   U. S. war with Mex. 973.6232  
 Fremont co. Ia. history 977.777  
 French  
   allies U. S. hist. 973.324

French  
   and Indian war Can. hist. 971.018  
     U. S. " 973.26  
   church, Gallican 282.44  
 Cochin China history 959.7  
   travels 915.97  
 Congo history 967.2  
   discovery of America 973.18  
   encyclopedists apologet. 239.6  
 Guiana history 988  
   travels 918.8  
   horn wind instrum. 788.41  
 Kongo history 967.2  
 language 440  
 literature 840  
   old language 447.01  
   opera dramat. music 782.4  
   painting 759.4  
   philosofers biograpy 921.4  
   philosofy 194  
   polish chem. tech. 667.7  
   protestants, persecut. of 272.4  
   regime Can. hist. 971.01  
   republic, 1st history 944.042  
   2d " 944.07  
   3d " 944.08  
   revolution 944.04  
   Romanesque architect. 723.44  
   roofs arch. construc. 721.5  
   sculpture 735  
   spoliations U. S. hist. 973.45  
   wars, early " " 973.25  
 Freneau, Philip Am. poet. 811.24  
 Frequency  
   converters elec. eng. 621.31355  
   asynch. " 621.31367  
   synchronous 621.31353  
   meters elec. " 621.3747  
   of hart beats physiol. 612.1722  
   sessions legislativ bodies 328.353  
   respiratory physiology 612.216  
 Fresco painting  
   blding 698.2  
   interior decoration 747  
   library bildings 022.344  
   painting 750  
   sacred ornaments 247.5  
   school bildings 371.636  
 Frese, Jacob Swed. poetry 839.7137  
 Fresh-air mission 361  
 Freshets meteorology 551.57  
 Fresnel lens lighthouses 627.9  
 Fresno city, Cal. hist. 979.483  
 " co. " " 979.482

Fretwork	747	Fruits	
Freytag, G. Ger. fiction	833.82	as food physiology	612.39272
Frezzi, F. Ital. poetry	851.21	fresh, inspection of	614.316
Friars monastic orders	271	fruit culture	634
Friction		see also distinguishing name	
clutches mech. eng.	621.825	preservation chem. tech.	664.8
gearing " "	621.858	preservd, inspection of	614.318
mechanical engineering	621.89	Frying cookery	641.77
of gears mech. eng.	621.832	Fryxell, A. Swed. misc.	839.7863
physics	531.4	Fuel	
Frictional electricity	537.2	artificial chem. tech.	662.8
Friedreich's disease	616.83	chemic technology	662.6
<sup>1</sup> Friendly islands history	996.1	conveyors steam eng.	621.18378
societies	334.7	domestic economy	644.2
Friends, society of sects	289.6	metallurgy	669.8
Friendship ethics	177.6	ships shipbuilding	623.826
<sup>1</sup> Friesland history	949.2	steam engineering	621.182
travels	914.92	Fuels	
Friezes, carvd arch. decor.	729.56	intern. combust. engines	621.434
painted " "	729.46	special, cookery with	641.58
Frigid zone clothing	646.091	steam locomotivs	621.1331
cookery	641.591	Fugitiv	
<sup>4</sup> Frisian language	439.2	slave law U. S. hist.	973.64
<sup>5</sup> literature	839.2	" slavery	326.973
Fröbel's system educat.	372.2	slaves, causes " civ. war	973.7115
Frobisher, M. discov. of Am.	973.17	Fugitivs from justis extrad.	341.4
Frogs culture business	639.3	Fugue music	786.82
zoology	597.8	Fulahs ethnology	572.9662
Frolic, ship U.S. war 1812	973.5251	Sudan, trav.	916.62
Fronde French hist.	944.033	Full development, period of	612.66
Frontal bone anat.	611.7155	Fuller, Margaret Am. lit.	814.31
lobes of brain "	611.81311	Fulminating powders	662.4
<sup>1</sup> Frontenac co. Ont. hist.	971.371	<sup>1</sup> Fulton co. Ill. history	977.348
Frontiers polit. science	320.128	travels	917.7348
Fronto, M. C. Lat. letters	876.3	<sup>1</sup> Ind. history	977.287
Frost action geology	551.91	<sup>1</sup> N. Y. "	974.747
bites skin disord.	616.58	<sup>1</sup> O. "	977.1115
blight agriculture	632	<sup>1</sup> Pa. "	974.872
meteorology	551.52	Fumes, prevention in fact.	628.511
Froude's tests shipbuilding	623.83	Fumigating apparatus	
Fructification botany	581.16	contag. diseases	614.481
Fructose nutrition	612.39613	Functional	
Frugoni, C. I. Ital. poetry	851.57	diseases of brain and cord	616.84
Fruit culture	634	women	618.17
drinks adulterations	614.346	equations	517
dom. econ.	641.87	Functions	
hygiene	613.36	Bessel's, etc. calculus	517.35
markets dom. econ.	641.4	calculus of	517.5
trade economics	338.1	nervous physiology	612.8
Fruits		of generation female	612.62
and seeds agriculture	634	male	612.61
organografy	581.76	motor apparatus	612.7
as food dom. econ.	641.13	skin physiol.	612.79
hygiene	613.27	symmetric algebra	512.84

Functions	
trigonometric	514.1
Fund, wage	polit. econ. 331.212
Funding system	finance 336.31
Funds	
invested	lib. finance 025.111
lib. subj. apportionment	025.211
<b>public</b>	<b>336</b>
Funeral	
directors	393.9
rites	<b>customs 393</b>
religions	ordin. 265.8
sermons	252.9
<b>Fungi</b>	<b>botany 589.2</b>
Funicular engines, hydraulic	621.262
railways	625.32
Funis, prolapsus	obstetrics 618.58
Funnels	chem. appar. 542.231
decant'g	" " 542.66
Fur	dom. economy 646.16
trade	338.1
Furetière, A.	Fr. satire 847.45
Furlo, military	355.11
Furnaceman	dom. econ. 647.25
Furnaces	
coal	prac. chem. 542.42
electric	" " 542.47
gas	" " 542.44
house warming	697.3
metallurgy	669.8
mining	ventilation 622.43
<b>steam engineering</b>	<b>621.183</b>
ventilation of sewers	628.236
Furnishings, see	qualifying word
Furniture	
domestic economy	645
ecclesiastic	247
factories	architecture 725.44
fixt	arch. decoration 729.9
library economy	022.9
manufacture	684
offis equipment	651
school	371.631
ship equipment	623.86
Furs	clothing 646.16
Fuses, see	Fuzes
Fusion-point	physics 536.42
thermochem.	541.36
Future	
events	probabilities 519.4
judgment	doctr. theol. 236.9
life	natural " 218
of libraries	021.03
punishment	doctr. theol. 237.6

Future	
<b>state</b>	doctr. theol. <b>237</b>
Fuzes	
electric stations	621.3178
explosivs	662.4
local	electric lighting 621.3284
military	engineering 623.4541
Fylfot	ecclesiology 246.5
heraldry	929.6

G. A. R. associations	369.151	Gallows criminal law	343.2
Gabbro plutonic rocks	552.34	Galt, John English fiction	823.77
Gabelsberger shorthand	653.33	Galvanic batteries	
Gabionades mil. eng.	623.24	<b>engineering</b>	<b>621.354</b>
Gables arch. construc.	721.28	manipulation	542.8
design	729.37	physics	537.86
roofs	721.58	<b>Galvanism</b>	<b>537.5</b>
<sup>4</sup> Gadhelic language	<b>491.61</b>	Galvanized iron manuf.	671
Gadolinium chemistry	546.694	Galvanometers	
Gadsden purchase U.S. hist.	973.66	electric engineering	621.3744
<sup>4</sup> Gaelic language	<b>491.63</b>	electrophysiology	612.01442186
Gaetulia ancient history	939.77	physics	537.86
Gage		Galvanoplasty	
cocks locomotiv boilers	621.1339	electrometallurgy	537.85
glasses steam eng.	621.18472	manufactures	671
Gages, compress air	621.532	Galvanotropism	
steam power plant	621.1977	electrophysiology	612.014427
Gaging arithmetic	511.8	<sup>1</sup> Galway, Ireland history	941.74
mesures	389	Gambling	
Galactophorus ducts anat.	611.693	administration	351.762
Galactose nutrition	612.39613	ethics	174.6
Galatia ancient history	939.32	of amusements	175.9
Galatians Bible	227.4	law	345
Galena econ. geology	553.44	Game sport	799
metallurgy	669.4	laws hunting	799
Gales meteorology	551.51	preservs business	639.1
<sup>1</sup> Galicia, Austria history	943.74	Games	
Spain "	946.1	<b>amusements</b>	<b>790</b>
Galilei, G. Ital. essays	854.52	championship sch. hyg.	371.75
Gall		children's dom. econ.	649.55
bladder anatomy	611.366	customs	394.3
diseases of	616.36	ethics	<b>175</b>
physiology	612.35771	Greek	913.38
ducts, <i>see</i> Bile ducts		kindergarten	372.215
formation secretions	591.145	of chance amusements	795
Gallantry ethics	177.1	ethics	175.5
<sup>1</sup> Gallatin co. Ill. history	977.397	skill amusements	794
Galleries		ethics	175.4
and libraries	021.48	Olympic Greek antiq.	913.38
art	<b>708</b>	Roman	913.37
architecture	727.7	room for lib. bldgs	022.663
library bildings	022.656	school	371.74
library shelving,	022.423	<b>table and parlor</b>	<b>793</b>
shooting architecture	725.89	Gaming, public state reg.	351.762
Gallery		<b>Gamopetalæ botany</b>	<b>583.5</b>
study tables lib. bldgs	022.52	Ganglia	
Galley outfit shipbilding	623.86	<b>anatomy</b>	<b>611.89</b>
Galleys criminal law	343.2	cerebral physiology	612.826
shipbilding	623.8212	comparativ "	612.829
Gallia		of hart "	612.1783
Cisalpina ancient hist	937.2	sensory nervs	612.8113
<sup>1</sup> co. O. history	977.189	sympathetic system	612.89
Gallican church	282.44	<b>Gangliated cord anatomy</b>	<b>611.839</b>
Gallium chemistry	546.68	Ganglions, <i>see</i> Ganglia	

Gangrene	lung diseases	616.245	Gas		
	surgery	617.25	dissolving	prac. chem.	542.74
Ganoidei	fishes	597.4	domestic fuel		644.24
Gaols, <i>see</i>	Prisons		driven electric plants		621.312133
Garages	lib. bildings	022.687	<b>engins</b>	<b>engineering</b>	<b>621.4</b>
	private arch.	728.94		physics	536.82
	public " "	725.38	<b>exchange</b>	<b>respiration</b>	<b>612.22</b>
Garbage	sanitation	628.44		in blood "	612.23
Garcia	Catalan poetry	849.9137	fitting	plumbing	696.2
<sup>1</sup> Gard, France	history	944.83	fuel	chem. tech.	662.6
Garden parties	dom. econ.	642.43	generation	prac. chem.	542.72
Gardeners	" "	647.3	heating	bilding	697.6
Gardening	elem. educ.	372.36		prac. chem.	542.44
	flower	716.2	illuminating	air pollut.	614.723
	kitchen	635		inspect. of	614.835
	<b>landscape</b>	<b>710</b>	light	dom. econ.	644.313
	market	635		lib. "	022.752
	window	716.4	liquefaction	prac. chem.	542.79
Gardens			<b>manipulation</b>	" "	<b>542.7</b>
botanic		580.7	manufacture		665.7
	architecture	727.5	mesuring	prac. chem.	542.76
public		711	meters	" "	542.76
school		372.36	natural	econ. geology	553.28
zoologic		590.7		heating	697.6
	architecture	727.5	production	prac. chem.	542.72
Gardianship	law	347.6	rarefaction	prac. chem.	542.77
Gards, axle	railrd engin'g	625.21	sewer	air pollution	614.765
Garfield, J. A.	presidency of	973.84		sanitary eng.	628.23
Gargoyles	arch. decor.	729.53	solidification	prac. chem.	542.79
Garibaldi	Italian history	945.09	storage	" "	542.75
Garments			stoves, kitchen equipm't		643.334
for special purposes		646.47	suffocation by prot. of life		614.82
outdoor	dom. econ.	646.45	turbins	engin'g	621.433
outer house	" "	646.43	washing	prac. chem.	542.74
under	" "	646.42	water	heating	697.6
Garnier, Robert	Fr. dram.	842.37	wells	economic geology	553.28
Garnishee	law	347.7	works	air pollution	614.723
Garnitures			Gascoigne, G:	Eng. satire	827.31
dress	dom. econ.	646.48	<sup>1</sup> Gasconade co. Mo.	history	977.861
table	" "	642.8	<sup>1</sup> Gascony, France	history	944.77
<sup>1</sup> Garrett co. Md.	history	975.297	Gaseous		
Garrick, D:	Eng. drama	822.61	fuels	steam engin'g	621.18224
Garter, order of	heraldry	929.714	state	<b>chemistry</b>	<b>541.33</b>
Garters	hygiene	613.484	Gases		
Garth, S:	English satire	827.48	absorption by skin		612.7915
Gärtner's duct	anatomy	611.6676	blood	physiology	612.127
Gas			<b>chemic technology</b>		<b>665</b>
accumulators	elec. eng.	621.357	effect on books		025.8
aeronautics		629.161	illuminating	air pollution	614.723
as kitchen fuel		643.334	in mines		622.41
checks	ordnance	623.4243	inhalation hyg. of employ.		613.62
coal	heating	697.6	intestinal	physiology	612.3317
compression	prac. chem.	542.78	muscle	physiology	612.74417
cooking by		641.584	<b>noxious</b>	<b>air pollution</b>	<b>614.72</b>

Gases			Gay, John	Eng. drama	822.56
of urin physiology		612.46164	Gayangos, Pascual de		
pneumatics		533	Spanish miscellany		868.51
qualitativ analysis		544.4	<b>Gazetteers</b>		<b>910.3</b>
quantitativ analysis		545.7	special country, see country		<b>914-919</b>
respiratory exchange		612.22	<b>Gearing mill engin'g</b>		<b>621.85</b>
volume of chemistry		541.2	<b>Gears, tootht " "</b>		<b>621.83</b>
volumetric analysis		545.7	<b>valv " "</b>		<b>621.84</b>
<b>Gasoline engins</b>		<b>621.43</b>	Geary exclusion act U.S. hist		973.86
vehicles		629.2	<sup>1</sup> Geauga co. O. history		977.1336
Gasometers prac. chem.		542.75	Geese hunting		799
Gaspé, burning Am. revol.		973.3112	poultry		636.5
<sup>1</sup> co. Que. history		971.479	zoology		598.4
Gasserian ganglion		611.8915	Gehenna doctrinal theol.		237.5
Gasteromycetes botany		589.221	Geibel, E. German poetry		831.83
Gasteropoda zoology		594.3	Geiger, E. G. Swed. misc.		839.7861
Gastric			Geissler's tubes electricity		537.53
artery anat.		611.13643	Gelatin manufacture		668.3
branches of vagus "		611.831919	processes photo.		773
fistulas physiology		612.3211	Gelatinosa anatomy		611.8224
glands anatomy		611.33	Gelatinosæ botany		589.18
juice stomach		612.32	Gelatinous liquids chem.		541.325
with pancreatic		612.34251	Gellert, C. F. Ger. poetry		831.61
nervs anatomy		611.8393	Gelli, G. Italian essays		854.37
secretions physiol. zool.		591.143	Gem engraving		736
vein anatomy		611.1493	Gemara Judaism		296
Gastritis diseases		616.33	Gemelli muscles anat.		611.73818
Gastro-			Gemignano, F. da San		857.11
colic omentum anat.		611.382	Gemini muscles anat.		611.73818
duodenal artery "		611.13641	Gemmaton zoology		591.165
epiploic " left "		611.13642	Gems economic geology		553.8
right "		611.13641	engraved		736
nervs "		611.8393	<b>mineralogy</b>		<b>549</b>
hepatic omentum "		611.382	Gender Eng. language		422.5
splenic " "		611.382	Fr. "		442.5
Gastrocnemius muscle "		611.73853	Lat. "		472.5
Gastronomy cookery		641.01	other languages		
Gastropoda zoology		594.3	Geneagenesis zoology		591.162
Gastrotomy surgery		617.55	<b>Genealogy</b>		<b>929</b>
Gastrula embryology		611.01332	General		
Gates			average law		347.7
architectural construc.		721.8	council eccles. polity		262.5
<sup>1</sup> co. Wis. history		977.519	religious history		270.2
railway equipment		625.18	secretary Y. M. C. A.		267.341
Gatling guns mil. eng.		623.42242	ticket suffrage		324.222
Gauge, see Gage			• Generalization logic		161
Gauging, see Gaging			<b>Generals, lives of</b>		<b>923.5</b>
<sup>1</sup> Gaul history		944	Generation		
<sup>1</sup> Gauley valley, W. Va. hist.		975.468	botany		581.16
Gauss's theory magnetism		538.1	of electricity		621.31
Gautama Buddhism		294	physiology		612.6
Gautier, Théophile Fr. fict.		843.77	spontaneous biology		576.1
Gauze, wire prac. chem.		542.46	physiology		612.601
			steam		621.18



Generati			Gentlemen	curtesy	177.1
zoology		591.16	Gentleness	ethics	179.9
Generativ			<sup>1</sup> Gentry co. Mo.	history	977.8145
functions, female		612.62	Geocentric place		521.2
male		612.61	Geodesy		526
organs	anatomy	611.6	Geognosy		551
	comp. anat.	591.46	Geografic		
	descrip. anat.	591.76	basis of pol. sci.		320.124
	male func. dis.	616.69	coordinates		525.4
Generator panels	el. eng.	621.31722	discovery	history of	910.9
Generators			distribution	animals	591.9
altern. current	" "	621.31343	fossils		560.9
charging	telefony	621.38763	of contag. diseases		614.42
direct current	elec. eng.	621.31323	plants		581.9
double	" "	621.31356	names		929.4
induction	" "	621.31363	variation	animals	591.152
ringing	telefony	621.38764	plants		581.152
voltaic	engineering	621.35	Geografy		
<sup>1</sup> Genesee co. Mich.	history	977.437	ancient		912.3
<sup>1</sup> N. Y.	"	974.792	Biblical		220.91
Genesis	Bible	222.11	commercial		380
Geneva			descriptiv		910
award	U. S. history	973.82	elementary	education	372.89
confession	creeds	238.4	historic		911
<sup>1</sup> history		949.4	maps		912
travels		914.94	military		355.47
tribunal	internat. law	341.6	physical		551.4
Geniculate			political		910
bodies	anatomy	611.8146	see also	Boundaries	
ganglion	"	611.8917	Geoidal figure of earth		526.17
Geniculum	"	611.8146	Geologic reports		550
Genii	folklore	398.4	surveys		554-559
Geniohyoid muscles		611.7348	time		550.1
Genital			Geologists	biografy	925.5
plexus	anatomy	611.8359	Geology		550
tract, rupture of	obstet.	618.55	agricultural		631
see also	Generativ		and religion	apologet.	239.8
Genitiv case	Gk syntax	485.5	applied	mining-eng.	622.11
	Lat. "	475.5	dynamic		551
<sup>3</sup>	other languages		natural theology		215
Genito-			speculativ		550.1
crural nerv	anat.	611.83543	Geomancy	divination	133.3
femoral	" "	611.83543	Geometric		
urinary system	anat.	611.6	drawing	math. drawing	744
	pathol.	616.6	forms	decoration, painted	729.44
	surgery	617.46	relief		729.54
	therap.	615.76	windows	arch. decora.	729.81
Genius		151.1	Geometricians	biografy	925.1
hereditary		136.3	Geometry		513
<sup>1</sup> Genoa, Italy	history	945.1	analytic		516
	travels	914.51	descriptiv		515
Genre painting		754	Geomorfology	geol.	551.3
Gentianales	botany	583.7	Geomorfy		525.14
Gentianæ	"	583.75	George I	English history	942.071

George 2	English history	942.072
3	" "	942.073
4	" "	942.074
5	" "	942.083
Ft, capt.	U.S. war 1812	973.5235
<sup>1</sup> lake, N. Y.	history	974.751
	travels	917.4751
George's, King, war, U.S. hist.		973.26
Georgia		
<sup>1</sup> Asia,	history	947.9
	travel	914.79
<sup>1</sup> Europe	history	947.9
<sup>1</sup> U. S.	local history	975.8
	secession U. S. hist.	973.713
	settlement " "	973.26
	For military history see subdivisions of special campaigns and Military history under 973.3, 973.52, 973.7 and 973.89	
Georgian bay, Ont.	travel	917.131
	style architecture	724.59
Geotropism	mesology	612.014477
Geraniaceæ	botany	583.223
Geraniales	"	583.21
Gerhardt, P.	Ger. poetry	831.54
Germ		
cells	botany	581.172
	zoology	591.172
layers	embryology	611.0133
theory	biology	576
	of disease bacteria	589.95
	pathology	616.01
German		
catholic church		282.43
corps	student life	371.83
dancing		793
discovery of America		973.11
emperors	Ital. history	945.03
empire, new		943.08
<sup>4</sup> language		430
	low	439.1
	middle high	437.02
	old "	437.01
<sup>5</sup> literature		830
	low	839.1
mythology		293
opera	music	782.3
	Wagnerian	782.2
painting		759.3
philosophers' lives		921.3
philosophy		193
reformation	polit. hist.	943.03
	relig. "	274.3
reformd church		284.1

German		
sculpture		735
socialism		335.5
student dueling		371.82
universities		378.43
Germanium	chemistry	546.695
Germantown, Pa.	Am. rev.	973.3337
Germany		
administration		354.43
antiquities		913.43
architecture		720.943
	Romanesque	723.43
botany		581.943
constitutional law		342.43
education		370.943
finance		336.43
geology		554.3
heraldry		929.6
<sup>1</sup> history		943
laws		349.43
local government		352.043
maps		912.43
peerage		929.73
religious history		274.3
schools, public		379.43
statistics		314.3
travel		914.3
treaties		341.243
universities		378.43
zoology		591.943
Germicides		
disinfectants	pub. helth	614.482
external therapeutics		615.778
Germinal, <i>see</i> Germ		
Germination	botany	581.3
Germs, <i>see</i> Bacteria; Bacteriology;		
	Germ theory of disease	
Gerrymandering		
representation		328.3346
<sup>1</sup> Gers, France	history	944.77
Gerstäcker, F; Ger. fiction		833.77
Gerund	Latin etymology	472.8
	syntax	475.8
Gesneraceæ	botany	583.83
Gesta Romanorum		
modern Latin fiction		879.3
Gestation		
ectopic	obstetrics	618.31
obstetrics		618.2
physiology		612.63
Gesture language	educ.	371.912
Gestures	oratory	808.5
Gettysburg	U.S. civ. war	973.7349
Geysers	physical geol.	551.23

Ghebers Parseecism	295	Gipsy	
Ghegan repeaters teleg.	621.38324	language	397
<sup>1</sup> Ghent history	949.3	moth agriculture	632
travels	914.93	zoology	595.78
Gherardi, del Testa, T.	852.74	Romany language	397
Ghibelines Ital. history	945.04	Giraldès, organ of anat.	611.633
Ghistele, C. van Dut. poet.	839.3128	Giraldi, G. B. C.	
Ghost, Holy dogmatics	231.3	Italian drama	852.42
Ghosts delusions	133.1	fiction	853.44
Giacometti, P. Ital. drama	852.73	Girard turbin	621.247
Giambullari, B.F. " essays	854.36	Girart de Rossilho Prov. lit.	849.121
Giannone, P. " "	854.57	Girder bridges engin'g	624.27
Giannotti, D. " "	854.35	<b>Girders bridge engin'g</b>	<b>624.21</b>
Giant, Cardiff humbugs	133.7	Girdle bone anat.	611.7181
hydraulic	621.269	Girls	
Giant's causeway descrip.	914.161	counsels to ethics	173.6
Giants nat. hist. of man	573.8	<b>education</b>	<b>376</b>
Gibbon, E: Eng. essays	824.67	religious societies	267.8
<sup>1</sup> Gibraltar history	946.8	schools, gymnastics in	371.7326
travels	914.68	societies sociology	369.46
<sup>1</sup> Gibson co. Ind. history	977.235	<sup>1</sup> Gironde, France history	944.71
Gifford, W: Eng. satire	827.71	Girondists " "	944.04
Gifts		Girs, Ægidius Swed. misc.	839.7823
kindergarten methods	372.212	Giusti, G. Italian satire	857.71
library finance	025.111	Glacial drift erosion	551.33
of books lib. acquisition	025.227	period	551.79
law	021.84	<b>Glaciers</b>	<b>551.31</b>
support	021.93	Glacis fortifications	623.116
duplicates by lib. to lib.	025.268	Gladiators customs	394.2
money lib. support	021.93	Gladiolus anatomy	611.713
Gigantostroaca zoology	595.39	<sup>1</sup> Gladwin co. Mich. hist.	977.472
Gigli, G. Italian drama	852.54	<sup>1</sup> Glamorgan, Wales hist.	942.97
Gil y Zárate, A. Span. poet	861.55	Gland, see special organ or	
Gilbert, H. discov. of Am.	973.17	qualifying term	
N: J. L. Fr. satire	847.52	Glanders diseases	616.954
<sup>1</sup> Gilbert ilands history	996.8	pub. helth	614.564
Gild houses architect.	725.9	Glands, see also special organ or	
Gilding	671	qualifying term	
Gilds parish work	256	<b>Glands of skin anat.</b>	<b>611.772</b>
polit. economy	338.6	Glandular system	
Gilead travels	915.69	anatomy	611.4
Giles, H: Amer. essays	814.32	drugs acting on	615.74
Gills		histology	611.01872
comparativ anatomy	611.28	physiology	612.4
skeleton of "	611.7166	surgical operations	617.44
<sup>1</sup> Gilmer co. W. Va. history	975.427	Glasgow	
Gin chemic technology	663.5	Scotland history	941.43
Ginglymus anatomy	611.72964	travels	914.143
Ginseng agriculture	633	university	378.41
Gioberti, V. Ital. essays	854.77	sloop Amer. revol.	973.352
Giordani, P. " "	854.72	Glass	
Giovagnoli, R. " fiction	853.87	and iron structures	721.98
Gipsies biografy	397	wood "	721.99
outcast races	397	apparatus prac. chem.	542.231

Glass		
bilding material	691.6	
blowing prac. chem.	542.2315	
iridescent	748	
library bildings	022.21	
manufacture	666.1	
ornamental	748	
painted	748	
prehistoric	571.56	
roofs architect.	721.53	
staind, design "	729.8	
table dom. econ.	642.7	
works architecture	725.48	
Glauconite lithology	552.58	
Glazing bilding	698.5	
Glees vocal music	784.1	
Gleet diseases	616.952	
<sup>1</sup> Glengarry co. Ont. history	971.377	
<sup>1</sup> Glenn co. Cal. hist.	979.431	
Gliders aeronautics	629.172	
Glisettes curvs	516.26	
Globe of eye diseases of	617.74	
Globes		
school apparatus	371.6791	
use of astronomy	522.78	
Globular projection	515.52	
Globules of blood, <i>see</i> Corpuscles		
Globulins physiology	612.398132	
Globus pallidus anatomy	611.81322	
Gloria in excelsis music	783.22	
<sup>2</sup> Glossaries Eng. dialects	427	
<sup>3</sup> language	423	
Glossopharyngeal		
ganglion, superior anat.	611.8919	
nerv " "	611.8319	
physiology	612.8199	
taste	612.879	
nucleus anatomy	611.8186	
Glottis " "	611.225	
physiology	612.7824	
<sup>1</sup> Gloucester co. Eng. hist.	942.41	
<sup>1</sup> N. B. " "	971.512	
<sup>1</sup> N. J. " "	974.981	
Gloves		
clothing	646.48	
costume	391.4	
lether manufacture	675	
waven " "	677	
Glucinum chemistry	546.45	
Glucose		
chemic technology	664.1	
chemistry of blood	612.1221	
digestion	612.39613	
Glucosids		
nutrition	612.396175	
vegetable drugs	615.333	
Glucosuria		
pancreatic physiology	612.3491	
pathologic " "	612.46621	
physiologic	612.46182	
physiology of liver	612.35216	
toxic physiology	612.4644	
Glue		
chemic technology	668.3	
making air pollution	614.746	
Glumaceæ botany	584.8	
Gluteal		
arteries anatomy	611.1376	
muscle " "	611.73814	
nerv, inferior " "	611.83572	
superior " "	611.83571	
Glutin nutrition	612.398146	
Gluttony hygiene	613.25	
temperance eth.	178.9	
Glycerin chemic tech.	668.2	
Glycogen		
in blood	612.1222	
nutrition	612.396112	
Glycogenesis physiol.	612.3521	
Glycolysis " "	612.3962	
Glycolytic ferments		
in blood	612.1223	
physiologic chem.	612.01516	
Glycoproteids nutrition	612.3981453	
Glyphografy engraving	762	
Glyptics carving	736	
Gmelin washbottles chem.	542.69	
Gnats animal parasites	616.9681	
zoology	595.77	
Gneiss lithology	552.42	
Gnetaceæ botany	585.1	
Gnoli, Domenico Ital.poet.	851.83	
Gnomes folklore	398.4	
maxims Eng. lit.	828	
folklore	398.9	
Gnomic poetry Greek lit.	881	
Gnomonic projection		
descriptiv geometry	515.55	
Gnosticism filosofy	189.1	
Gnostics heresy	273.1	
Goats	636.3	
diseases of compar.med.	619.3	
Gobelin tapestry art	746	
Goblins folklore	398.4	
God doctrins	231	
will of ethics	171.1	
Godfrey, T: Amer. dram.	812.12	

<b>Gods</b>	ethnic religions	290	Gospels	pseudo	229.8
	mythology	291	Gossip	ethics	177.2
Goes, J. A. van der	Dut. lit	839.3137	Gotama	Buddhism	294
Goethe, J; W. von	Ger. "	832.62	Göthe, J; W. von	Ger. dram.	832.62
<sup>1</sup> Goebic co. Mich.	history	977.498	Gothic		
Goitre	pathology	616.44	architecture		723.5
Gold			ecclesiology		246.1
chemistry		546.91	kingdom	Italian hist.	945.01
<sup>1</sup> Coast, Africa	history	966.9		Span. "	946.01
coinage		332.4	<sup>4</sup> language		439.9
cure	alcoholism	616.861	<sup>5</sup> literature		839.9
manufactures		671	revival	architecture	724.3
metallurgy		669.2	Victorian	"	724.4
mineralogy		549.2	<sup>1</sup> Gothland, Sweden	hist.	948.6
ores	econ. geology	553.41	Goths		943.01
political economy		332.41	Gottfried von Strassburg		
Golden			German poetry		831.25
bull	Ger. const. hist.	342.43	Gottschall, K; R.	Ger. dram.	832.84
Fleece	knights	929.715	Gottsched, J; C.	" "	832.54
rule	ethics	171.1	L.A.V.	" "	832.55
Goldoni, Carlo	Ital. dram.	852.61	Gouache painting		751
Goldschmidt, M.A.	Dan. fic	839.8365	Goudouli, P. de	Prov. poet.	849.141
Goldsmith, O.	Eng. essays	824.66	Gout	diseases	616.991
	fiction	823.64	Gove system	suffrage	324.224
	poetry	821.64	Governess	private educ.	373.1
Goldsmithing	fine arts	739	<b>Governing board, library</b>		<b>023.3</b>
	useful "	671	Government		
Golf	amusements	796	appointment of legislators		328.3351
Goll's nuclei	anatomy	611.8261	buildings	architecture	725.1
tract	"	611.8261	central administration		351
Gomberville, M. Le Roy de			foren states		354
French fict.		843.42	church		262
Gongora y Argote, L. de			control	insurance	368.91
Spanish poetry		861.37	divine		231.7
Goniometry	crystallog.	548.7	family	ethics	173
Gonorrhea	pathology	616.952	foren countries		354
	pub. helth	614.548	forms of		321
Good			libraries		027.5
Friday	Anglican ch.	264.031	library economy		023
	special music	783.27	loans	finance	336.3
<sup>1</sup> Hope, Cape of	history	968.7	local administration		352
	travels	916.87	officers in legislativ bodies		328.3321
Templars	temperance	178.06	political science		320
Goodenoviae	botany	583.58	publishing		655.59
Goodness	ethics	179.9	school	education	371.5
Goose, Mother	folklore	398.3	science of	polit. science	320
Goose, <i>see</i> Geese			U. S. and state administ.		353
Gorgias	Greek philos.	183.1	vessels	fighting	623.825
Gorham controv.	baptism	265.1		nonfighting	623.826
Gorilla	zoology	599.8	<b>Governors</b>	biografy	923.2
Gosnold, B.	discov. of Am.	973.17		steam turbins	621.16535
Gospels	Anglican ritual	264.036	Gower, J:	English poetry	821.18
	Bible	226	Gower's tract	anatomy	611.8254
	harmonies of	226.1			

Gowns	academic	378.29	Grallatores	zoology	598.3
	dom. economy	646.43	Gram machine	electricity	537.83
Gozzi, Carlo	Ital. drama	852.62	Gramineæ	botany	584.9
	Gasparo " satire	857.61	Grammar		
Graafian follicles	anat.	611.6512	comparativ		415
Grabbe, C. D.	Ger. drama	832.71	<b>elementary education</b>		<b>372.6</b>
Gracchi	Roman hist.	937.05	schools	public schools	379.17
Grace	doctr. theology	234.1	universal	comp. philol.	415
	esthetics	701	<b>*Grammars</b>	<b>Eng. lang.</b>	<b>425</b>
Graces	music	781.2	Granada		
	mythology	292	Luis de	Span. miscel.	868.32
Gracilis, fasciculus	anat.	611.8182	<sup>1</sup> Spain	history	946.8
muscle	"	611.73825		travels	914.68
Grade			Granaries	architecture	728.95
crossing	railroads	625.1	Grand		
of sewers	san. eng.	628.219	Army of the Republic		369.151
Graded degrees, academic		378.22	U.S.hist.		973.76
Grades	railway engin'g	625.11	gulf, Miss.	U. S. civ. war	973.753
	roadmaking	625.72	<sup>1</sup> Isle co. Vt.	history	974.31
	schools	371.25	<sup>1</sup> Manan island, N. B.	hist.	971.533
Grading	engineering	625.12	<b>opera</b>		<b>782</b>
Gradual	cathed. music	783.23	<sup>1</sup> Rapids, Mich.	hist.	977.456
Graduated			stands	architec.	725.82
system	suffrage	324.224	<sup>1</sup> Traverse co. Mich.	hist.	977.464
Graduates			Grangers	associations	363
college, and Amer. revol.		973.315	Granit	ilding stone	563.52
	U.S.civ. war	973.715		plutonic rock	552.33
Graduation	schools	371.291	Granits	metamorf. rock	552.41
Græco-Russian church		281.9	Grant, U. S.	presidency of	973.82
Graffiti	inscriptions	471.7	<sup>1</sup> Grant co. Ind.	hist.	977.269
Grafic			<sup>1</sup>	W. Va. "	975.492
arts	fine arts	700	<sup>1</sup>	Wis. "	977.577
	prehist. archeol.	571.7	Grants		
	representations of sound	534.6	land	finance	336.14
	statics	531.2		to schools	379.12
Grafics of light and shadow		515.7	Grape		
Graft	bills legislation	328.367	culture		634.8
	business ethics	174.4	cure	therapeutics	615.854
	political "	172.2	shot	ordnance	623.45122
Grafting			sugar	manufacture	664.1
animal	physiology	612.602	Graperies	architecture	728.98
fruit	culture	634	Grapes		634.8
<sup>1</sup> Grafton co. N. H.	hist.	974.23	Graphic, etc. <i>see</i> Grafic		
Graham	shorthand	653.52	Graphite	econ. geol.	553.26
Grail, holy legends		398.2	Graphitic anthracite	" "	553.25
Grain			Glasses		
agriculture		633	agriculture		633
duty on		337.5	botany		584.9
elevators	architecture	725.36	ornamental		716.1
production	pol. econ.	338.1	Grasshoppers	pests	632
trade	dom. trade	381		zoology	595.72
Graining	house paint.	608.1	Grates		
Grains	agriculture	633	fireplaces	ilding	697.1
			locomotiv boiler		621.1332

Grates			
steam engineering	621.18352		
Gratings, timber architec.	721.15		
<sup>1</sup> Gratiot co. Mich. hist.	977.449		
Gratitude ethics	179.9		
Grattan, H: Eng. oratory	825.65		
Gratuities			
legislativ employees	328.3626		
political economy	331.238		
Grave			
mounds prehist. arch.	571.92		
stones monuments	718		
yards	719		
Gravel			
disease	616.62		
foundations	721.14		
petrografy	552.51		
roads engin'g	625.7		
roofing bilding	695.6		
Graves			
cemeteries	719		
Graves' disease	616.44		
<b>Gravimetric anal. chem.</b>	<b>545.1</b>		
Gravina, G. V. Ital. essays	854.55		
Graving			
docks hydraulic engin'g	627.3		
shipbilding	623.83		
Gravitation			
celestial dynamics	521.12		
system waterworks	628.12		
theories	531.51		
Gravity			
center of	531.24		
experiments geodesy	526.7		
physics	531.5		
railways	625.3		
specific	532.4		
Gray, Thomas Eng. poetry	821.61		
Gray			
friars Franciscans	271.3		
matter, cerebellar anat.	611.81713		
of cord "	611.822		
multiplex telegraf	621.38237		
telautograf	621.3826		
Grazzini, A. Ital. fiction	853.41		
Grease chem. tech.	665.2		
Great Britain			
<b>antiquities</b>	<b>913.42</b>		
baronetage	929.722		
<b>church history</b>	<b>274.2</b>		
colonies	325.242		
commerce	382		
det of finance	336.42		
dignities	929.724		
gentry, landed	929.725		
<b>government</b>	<b>342.42</b>		
Great Britain			
<b>heraldry</b>	<b>929.6</b>		
<sup>1</sup> <b>history</b>	<b>942</b>		
knightage	929.723		
<b>parliament</b>	<b>328.42</b>		
peerage	929.721		
politics	329.942		
precedence	929.724		
society of 2d war with	369.144		
<b>titles of honor</b>	<b>929.72</b>		
Great circle sailing	527.5		
Great Russia			
<sup>1</sup> Northern history	947.2		
travels	914.72		
<sup>1</sup> Southern history	947.3		
travels	914.73		
Great Salt lake travels	917.92		
schism	270.3		
Grecian bend fashions	391.2		
Grecian, see also Greek			
Greco-Russian church	281.9		
Greece			
<b>ancient antiquities</b>	<b>913.38</b>		
architecture	722.8		
art, history of	709.38		
<b>history</b>	<b>938</b>		
<b>modern administration</b>	<b>354.495</b>		
botany	581.9495		
finance	336.495		
geology	554.95		
<sup>1</sup> <b>history</b>	<b>949.5</b>		
maps	912.495		
schools	379.495		
statistics	314.95		
travel	914.95		
treaties	341.2495		
Greed ethics	179.8		
Greek			
<b>archipelago ancient hist.</b>	<b>939.1</b>		
<sup>1</sup> <b>mod. "</b>	<b>949.9</b>		
architecture	722.8		
calendar	529.3		
church	281.9		
classics	880		
dialects	487		
fire customs of war	399		
independence mod. hist.	949.506		
<sup>4</sup> <b>language</b>	<b>480</b>		
<sup>4</sup> <b>modern</b>	<b>489</b>		
<b>literature</b>	<b>880</b>		
<sup>5</sup> <b>modern</b>	<b>889</b>		
mythology	292		
orders of architecture	729.32		
paleografy inscriptions	481.7		

Greek			Grilles arch. construct.	721.87
philosofy	180		Grilling cookery	641.76
revival architecture	724.2		Grillparzer, F. Ger. dram.	832.73
sculpture	733		Grimmelshausen, H. J. C. von	
theory of music	781.8		German fiction	833.52
Green, J. Amer. poetry	811.14		Grimm's law comp. philol.	412
Green			Grinders' occupation hyg.	613.63
<sup>1</sup> Bay, Wis. history	977.561		Grinding	
<sup>1</sup> co. N. Y. "	974.737		flour mills	679
<sup>1</sup> Wis. "	977.586		machines mech. eng.	621.92
<sup>1</sup> Lake co. Wis. "	977.559		practical chemistry	542.22
manures agriculture	631.874		Grindstones	621.923
mts, Vt. description	917.43		Gringoire, Pierre Fr. dram.	842.23
Greenback party	329.82		Grip diseases	616.203
Greenbacks paper money	332.5		Gristle	
U. S. finance	336.73		chemic composition	612.7512
<sup>1</sup> Greenbrier co. W. Va. hist.	975.488		histology	611.0183
<sup>1</sup> val. " "	975.486		Gristmills architecture	725.47
Greene, R. Eng. drama	822.31		Groceries adulterations	614.3
<sup>1</sup> Greene co. Ill. history	977.384		Grocers' occupation hyg.	613.63
travels	917.7384		Grocery stores	641.4
<sup>1</sup> Ind. history	977.242		Grond vaults architect.	721.44
<sup>1</sup> Ia. "	977.7466		Grooving machines	621.91
<sup>1</sup> Mo. "	977.878		Grossi, Tommaso Ital. fict.	853.73
<sup>1</sup> O. "	977.174		Grotesque forms	
<sup>1</sup> Pa. "	974.883		decoration in relief	729.53
Greenhouses	716.3		painted decoration	729.43
architecture	728.98		Grottoes phys. geografy	551.44
Greenland			Ground	
discovery of Scan. hist.	948.02		air hygiene	613.14
<sup>1</sup> history	998		public helth	614.773
Greens kitchen garden	635.4		hygiene of " "	614.7
Greensand petrografy	552.58		substance, bony histol.	611.01843
molding foundry	621.745		of connectiv tissue	611.01823
Greensickness diseases	616.15		water phys. geografy	551.49
gynecology	618.17		Grounds, private	712
Gregarinidæ zoology	593.19		Group system curriculum	375.005
Gregariousness of animals	591.55		Groves landsc. gardening	715
Gregorian			Groveton, Va. battle of	973.7228
calendar	529.5		Growth	
chant ecclesiology	246.8		after birth physiology	612.65
sacred music	783.5		biology	577.3
ordnance	623.45114		botany	581.134
Grenades			disproportionate deform.	617.37
<sup>1</sup> Grenville co. Ont. hist.	971.374		incomplete "	617.31
Gresban, Arnoul Fr. dram.	842.21		of cities administration	352.001
Gresset, J. B. L. " satire	847.51		statistics	312
Grévin, Jacques " dram.	842.35		library, provision for	022.13
Grévy, Jules Third repub.	944.08		ration during physiol.	612.394
Grey, see Gray			zoology	591.134
<sup>1</sup> co. Ont. hist.	971.318		Grundtvig, N. F. S.	
Grids elec. engin'g	621.3522		Dan. poet.	839.8163
Griepenkerl, W. R. Ger. dra.	832.72		<sup>1</sup> Grundy co. Ill. history	977.326
Griffin folklore	398.4		<sup>1</sup> Ia. "	977.7537
heraldry	929.6			



- <sup>1</sup>Grundy co. Mo. history 977.8215  
 Gryphius, A. Ger. drama 832.51  
 Gryphon folklore 398.4  
     heraldry 929.6  
<sup>1</sup>Guadaloupe history 972.97  
     travels 917.297  
<sup>1</sup>Guanajuato, Mex. hist. 972.4  
 Guano  
     economic geology 553.64  
     fertilizers 631.854  
 Guaranties and sureties 347.7  
 Guarantor, reader's lib. 024.14  
 Guardianship law 347.6  
 Guarini, G. Ital. poetry 851.45  
<sup>1</sup>Guatemala history 972.81  
 Gubbio, Bosone da Ital. fic. 853.14  
 Gubernatis, Angelo de  
     Italian miscellany 858.81  
 Gudrun German poetry 831.22  
 Guelphs Italian history 945.04  
 Guerilla  
     life military science 355.12  
     warfare internat. law 341.3  
 Guerillas  
     northern U. S. civ. war 973.7417  
     southern " " " 973.742  
<sup>1</sup>Guernsey co. O. history 977.192  
<sup>1</sup>    iland of " 942.34  
     travels 914.234  
 Guerrazzi, F. D. Ital. fict. 853.74  
<sup>1</sup>Guerrero, Mexico hist. 972.7  
 Guerrière, ship U. S. hist. 973.5251  
 Guerrini, Olindo Ital. poet. 851.87  
<sup>1</sup>Guiana, South Am. hist. 988  
 Guicciardini, F. Ital. essays 854.34  
 Guide  
     books 910  
     vanes steam turb. design 621.16533  
     theory 621.16513  
 Guides, railroad 656  
 Guidi, Ales. Ital. poetry 851.55  
 Guidiccioni, G. " " 851.37  
<sup>1</sup>Guienne, France history 944.7  
 Guilds  
     business polit. econ. 338.6  
     parish work 256  
 Guilford, N. C. Am. revol. 973.3372  
 Guillotine law 343.2  
 Guinea  
<sup>1</sup>    Lower, Africa history 967.1  
<sup>1</sup>    New history 995  
     travels 919.5  
<sup>1</sup>    Upper, Africa history 966.5  
 Guinea pigs zoology 599.3  
 Guinicelli, Guido Ital. poet. 851.13  
 Guitar music 787.6  
<sup>4</sup>Gujerati language 491.47  
 Gulf  
     of Mexico phys. geog. 551.463  
     society of army and  
     navy of 369.156  
     squadron U.S.civ.war 973.756  
<sup>1</sup>    states, U. S. history 976  
     For military history of all or  
     individual states, see subdivisions  
     of Special campaigns and Military  
     history under 973.52, 973.7 and  
     973.80  
     stream phys. geografya 551.471  
 Gulfs  
     hydrografya of survey'g 526.99  
 Gullet, diseases of 616.32  
 Gums  
     anatomy 611.314  
     and resins chem. tech. 668.4  
     chemistry of nutrition 612.39612  
     fossil econom. geol. 553.29  
     vegetable drugs 615.335  
 Gun  
     carriages, traction of 623.58  
     cotton explosivs 662.2  
     making 683  
     mounts, reaction of 623.57  
     naval engineering 623.825  
 Gunnbiorn discov. of Amer. 973.13  
 Gunnery mil. eng. 623.5  
 Gunning sports 799  
 Gunpowder  
     care mil. engin'g 623.48  
     explosivs 662.3  
     manufacture hygiene 613.66  
     protec. of life 614.832  
     military engineering 623.4521  
     plot English history 942.061  
 Guns  
     military engineering 623.4  
     theory of 623.51  
 Gunshot wounds surgery 617.145  
 Gunter's scale math. instr. 510.8  
 Gurney shorthand 653.32  
 Gustaf 3 Swed. drama 839.7252  
 Gustation physiology 612.87  
 Gustavus Adolphus  
     Swedish history 948.04  
     miscellany 839.7824  
 Gut, primitiv embryol. 611.01335  
 Gutcleaning air pollution 614.742  
 Gutenberg hist. of print. 655.111  
<sup>1</sup>Guthrie co. Ia. history 977.749

Gutierrez, A. G. Span.poet.	861.54	Habakkuk Bible	224.95
Gutta		Habeas corpus law	347.1
percha rubber manuf.	678	Habena anatomy	611.8145
serena eye diseases	617.75	Habenula "	611.8145
Guttiferæ botany	583.163	Haberdashery clothing	646.32
<b>Guttiferales</b> "	<b>583.16</b>	Habit	
Gutzkow, K. F. Ger. dram.	832.78	mental faculties	158
<sup>1</sup> Guyandotte val. W. Va. hist.	<b>975.441</b>	physiologic psychology	612.82134
Guyot de Provins Fr.satire	847.11	Habitations, animal	591.52
Guys elec. lines	621.319223	see also Dwellings	
<sup>1</sup> Guysborough co. N. S. hist.	971.621	Habits	
Gyllembourg - Ehrensward,		<b>animals zoology</b>	<b>591.5</b>
T. C. Danish fiction	839.8361	<b>customs</b>	<b>390</b>
Gyllenborg, G. F. Sw.poet.	839.7146	laboring classes pol. econ.	331.84
Gymnasia Ger. schools	379.43	morbid hygiene	613.87
Gymnasiums		of children dom. econ.	649.6
architecture	725.85	<b>plants physiol. botany</b>	<b>581.5</b>
library bildings	022.666	Hack licenses loc. gov't	352.8
school "	371.624	Hackländer, F; W; Ger.fict.	833.78
Y. M. C. A.	267.327	Hadamar von Laber " poet.	831.32
Gymnastics		<sup>1</sup> Haddington, Scotland hist.	941.45
curativ	615.82	Hades	
hygiene	613.71	ancient mythology	292
<b>school hygiene</b>	<b>371.73</b>	doctrinal theology	236.4
vocal elocution	808.5	Hadley's quadrant astron.	522.41
vocal music	784.9	<sup>1</sup> Hadramaut, Arabia hist.	953.4
Gymnoasceæ botany	589.238	Hæmodoraceæ botany	584.23
Gymnocarpæ botany	589.17	Haem-, haema-, haemato-, haemo-,	
Gymnosophists philosofoy	181.4	see also Hem-, hema-, hemato-,	
<b>Gymnospermæ botany</b>	<b>585</b>	hemo-	
<b>Gynecology</b>	<b>618.1</b>	<sup>1</sup> Hagerstown, Md. history	975.292
Gypsies, see Gipsies		travels	917.5292
Gypsum		Haggai Bible	224.97
economic geology	553.63	<sup>1</sup> Hague, The history	949.2
fertilizers	631.821	travels	914.92
lithology	552.53	tribunal	341.1
Gypsy, see Gipsy		Hahn Hahn, I. Ger. fic.	833.76
Gyre, paracentral anat.	611.81316	Hahnemann's theory med.	615.53
Gyri operti "	611.81319	Hail storms meteorology	551.55
Gyroscope astronomy	523.28	Haimonskinder, die'	831.37
		Hair	
		anatomy	611.781
		diseases of	616.54
		domestic materials	646.17
		dressing customs	391.5
		toilet	646.7
		dyes	646.7
		engineering materials	620.198
		organic chemistry	547
		physiology	612.799
		pickers' occupation hyg.	613.63
		Hakluyt society geografy	910.6
		<sup>1</sup> Haldimand co. Ont. hist.	971.337
		Hale, Nathan Am. revol.	973.385

- Half  
 timbered walls arch. con. 721.21  
 tone process photog. 777  
 way covenant 285.8  
 Haliburton, T: C. Am. hum. 817.38  
<sup>1</sup>Haliburton co. Ont. hist. 971.361  
 Halicarnassus Gk antiqui. 913.3924  
 Halids organic chem. 547.7  
 Halifax  
<sup>1</sup> city, N. S. hist. 971.622  
     travel 917.1622  
<sup>1</sup> co. N. S. hist. 971.622  
     fishery award U. S. hist. 973.83  
 Hall, J. English satire 827.33  
 Hall furniture dom. econ. 645.61  
     marks plate 736  
 Halleck, Fitz-Greene Am. lit. 811.31  
 Haller's rete testis 611.6315  
 Halley's method astron. 523.94  
 Hallman, K: I. Swed. dram. 839.7251  
 Halloweve customs 394  
 Halls  
     central lib. bildings 022.51  
     city architecture 725.13  
     exhibition " 725.91  
     for lectures " 725.83  
     music " 725.81  
     public hygiene 613.55  
     riding architecture 725.88  
     society student life 371.86  
     temporary architecture 725.92  
     town " 725.13  
     turn " 725.85  
 Hallucinations 133.2  
 Halogen group chemistry 546.12  
 Haloids organ. chem. 547.4  
 Halorageæ botany 583.398  
 Halos optics 535.4  
     religious art 246.5  
<sup>1</sup>Halton co. Ont. hist. 971.353  
 Hamamelidæ botany 583.394  
 Hamamelis therap. 615.323394  
<sup>1</sup>Hamar, Norway history 948.4  
 Hamatum, os anatomy 611.71778  
<sup>1</sup>Hamburg, Ger. history 943.51  
     travels 914.351  
 Hamilton  
     Alexander Am. oratory 815.21  
     Sir W: Eng. philos. 192.9  
<sup>1</sup>Hamilton city, O. hist. 977.1751  
<sup>1</sup>      Ont. " 971.352  
<sup>1</sup>      co. Ill. " 977.395  
<sup>1</sup>      Ind. " 977.256  
<sup>1</sup>      Ia. " 977.752  
<sup>1</sup>Hamilton co. N. Y. hist. 974.752  
 Hamitic language 493  
     races 572.893  
 Hammarsköld, L. 839.7462  
 Hammer anat. of ear 611.857  
 Hammers machine tools 621.97  
<sup>1</sup>Hampden co. Mass. hist. 974.42  
<sup>1</sup>Hampshire co. " " 974.42  
<sup>1</sup>      W. Va. " 975.495  
<sup>1</sup>Hancock co. Ill. " 977.343  
<sup>1</sup>      Ind. " 977.258  
<sup>1</sup>      Ia. " 977.724  
<sup>1</sup>      Me. " 974.14  
<sup>1</sup>      O. " 977.119  
<sup>1</sup>      W. Va. " 975.412  
 Hand  
     arteries anatomy 611.1344  
     chiromancy 133.6  
     dressing of ore min. eng. 622.72  
     human anatomy 611.976  
     lamps dom. econ. 644.321  
     language def and dum 371.912  
     laundering 648.22  
     lymphatics anatomy 611.42176  
     muscles " 611.7377  
     railing stair bilding 694.8  
     turning lathes 621.94  
 Handbooks of travel 910  
 Handicraft mechan. trades 680  
 Handkerchief customs 391.6  
     toilet 646.48  
 Handling minerals mining 622.61  
 Hands, artificial surgery 617.57  
 Handspikes ordinance 623.4361  
 Handwriting 652  
 Hangars aeronautics 629.144  
 Hangers mech. engin'g 621.822  
 Hanging punishments 343.2  
 Hangings  
     textil bilding 698.7  
     dom. econ. 645.3  
<sup>1</sup>Hannibal, Mo. history 977.8351  
 Hanover  
<sup>1</sup> Germany history 943.53  
     travels 914.353  
     house of English hist. 942.07  
     Irish " 941.57  
     Scottish " 941.07  
 Hanseatic leag " 943.5  
<sup>1</sup>Hants co. England " 942.27  
<sup>1</sup>      N. S. " 971.635  
 Happiness ethics 171.4  
 Hapsburg, house of, Ger. 943.026-06  
 Harbor defenses fortifica. 623.1

**Harbor engineering** 627  
**Harbors**  
   hydrography of surveying 526.99  
**Hard labor punishments** 343.2  
**Hardenberg, F; von Ger.fic** 833.63  
<sup>1</sup>**Hardin co. Ill. history** 977.398  
<sup>1</sup>  Ia. " 977.753  
<sup>1</sup>  O. " 977.144  
**Harding shorthand** 653.35  
**Hardness**  
   engineering tests 620.1126  
   of molecules physics 539.53  
**Hardware manuf.** 671  
<sup>1</sup>**Hardy co. W. Va. history** 975.493  
**Harelip surgery** 617.32  
**Harems customs** 392.6  
**Haren, O.Z.van Dut. dram.** 839.3244  
   Willem van " poet. 839.3145  
**Hares zoology** 599.3  
<sup>1</sup>**Harford co. Md. history** 975.274  
**Häring, W; Ger. fiction** 833.75  
**Harrington, J; Eng. satire** 827.32  
**Harlem Heights**  
   battle Amer. revol. 973.3324  
**Harlots ethics** 176.5  
**Harmar's exped. U.S.hist.** 973.42  
**Harmonic multiplex teleg.** 621.38237  
**Harmonics**  
   analytic geometry 516.56  
   modern " 513.56  
   music 781.1  
**Harmonists sects** 289.9  
**Harmonium** 786.9  
**Harmony**  
   music 781.3  
   of colors optics 535.6  
     painting 752  
   gospels Bible 226.1  
**Harnessmaking** 685  
**Harp** 787.5  
**Harpers Ferry**  
<sup>1</sup>  W. Va. history 975.499  
   invasion U.S. " 973.68  
**Harpisichord** 787.9  
**Harquebus firearms** 623.441  
**Harrington, J. Eng. fic.** 823.41  
**Harris, W; T. Amer. phil.** 191.8  
**Harrisburg, Miss. U.S. hist.** 973.7372  
<sup>1</sup>  Pa. hist. 974.818  
     insurrect'n 974.8  
**Harrison, B; presidency of** 973.86  
   W: H: " " 973.58  
<sup>1</sup>**Harrison co. Ind. history** 977.221  
<sup>1</sup>  Ia. " 977.747

<sup>1</sup>**Harrison co. Mo. history** 977.817  
<sup>1</sup>  O. " 977.168  
<sup>1</sup>  W. Va. " 975.457  
**Hart**  
   **anatomy** 611.12  
   diseases 616.12  
   ectopic physiol. 612.1717  
   effect of sympathet. syst. 612.897  
   **toxins physiol.** 612.174  
   vagus " 612.819911  
   in asphyxiation " 612.2323  
   membranes diseases of 616.11  
   **physiology** 612.17  
   **valvs anatomy** 611.1263  
**Harte, F. Bret Am. fiction** 813.45  
<sup>1</sup>**Hartford city, Ct. history** 974.63  
   conven. U.S. " 973.521  
<sup>1</sup>  co. Ct. history 974.62  
**Hartmann von Aue Ger. lit.** 831.26  
**Harts**  
   lymphatic comp. physiol. 612.424  
**Hartzembusch, J. E. Sp: lit.** 861.56  
**Harvard**  
   table system 642.55  
   university 378.744  
**Harvesting agriculture** 633  
<sup>1</sup>**Hasa, Arabia history** 953.6  
**Hashish ethics** 178.8  
   hygiene 613.82  
<sup>1</sup>**Hastings co. Ont. hist.** 971.358  
**Hatching**  
   artificial incubation 636.5  
   engraving 762  
**Hate ethics** 179.8  
**Hatmaking** 687  
**Hatracks dom. econ.** 645.61  
   lib. " 022.921  
**Hats clothing** 646.5  
   costume 391.4  
**Hatteras inlet U.S. civ. war** 973.751  
**Hauch, J. C. Danish poet.** 839.8164  
**Hauff, W; German fic.** 833.67  
**Haulage**  
   animal min. eng. 622.65  
   mechanic " " 622.66  
**Haunted houses** 133.1  
**Haute**  
<sup>1</sup>  Garonne, France history 944.86  
<sup>1</sup>  Loire " " 944.81  
<sup>1</sup>  Marne " " 944.33  
<sup>1</sup>  Saône " " 944.45  
<sup>1</sup>  Savoie " " 944.49  
<sup>1</sup>  Vienne " " 944.66

- <sup>1</sup>Hautes Alpes, France history 944.97  
<sup>1</sup> Pyrénées " " 944.78  
<sup>1</sup>Havana history 972.91  
travels 917.291  
Haven shorthand 653.56  
Haversian canals histol. 611.01843  
<sup>1</sup>Havre, France history 944.25  
travels 914.425  
Hawaii  
annexation U. S. hist. 973.88  
<sup>1</sup> history 996.9  
travel 919.69  
Hawaiian  
annexation treaty 973.86  
language 499  
Hawes, S. Eng. poetry 821.25  
Hawkesworth, J: " essays 824.65  
Hawking sports 799  
business 639.1  
Hawkins, J: discov. of Am. 973.17  
Hawyers ship outfit 623.86  
strength of 620.11288  
Hawthorne, J. Amer. fic. 813.47  
N. " " 813.33  
Hay agriculture 633  
fever diseases 616.202  
Haybox cooks 643.338  
Hayes, R. B. presidency of 973.83  
Hayne, P. H. Am. poetry 811.42  
<sup>1</sup>Hayti history 972.94  
travel 917.294  
Haze meteorology 551.57  
Hazing student life 371.82  
Hazlitt, W: Eng. essays 824.76  
Head, Headgear, etc., *see*  
Hed, Hedgear, etc.  
Healing, divine 265.8  
Health, *see* Helth  
Hearing  
acoustics 534.7  
anatomy 611.85  
asylums for def 362.4  
diseases 617.8  
ear hospitals 362.1  
facial nerve 612.81974  
localization of sense 612.82555  
physiology 612.85  
psychology 152.2  
Hearings  
legislativ procedure 328.3742  
Heart, *see* Hart  
Heat  
animal physiology 612.5  
diaphoretics 615.743  
Heat  
disinfection contag. dis. 614.483  
effect on books 025.8  
plants 581.54  
engins air engins 621.41  
food preservation 641.4  
geologic agents 551.94  
imponderable remedies 615.832  
mesology physiology 612.01443  
meteorology 551.52  
muscular physiology 612.7455  
of earth 525.2  
moon 523.32  
stars 523.82  
sun 523.72  
physics 536  
physiologic effects 612.59  
production, muscular 612.745  
slow, cooking by 641.588  
thermochemistry 541.36  
Heaters, feedwater 621.1972  
portable 644.19  
Heathen  
apologetics against 239.3  
art ecclesiology 246.2  
missions to 266  
philosophy vs the church 261.2  
religions 290  
salvation of 234  
Heathenism nonchr. relig. 299  
Heating  
bilding 697  
domestic economy 644  
houses sanitary engin'g 628.8  
libraries 022.8  
physics 536.83  
practical chemistry 542.4  
school bildings 371.628  
steam plants 621.19  
systems dom. econ. 644.1  
Heaven theology 237.4  
Heavenly bodies  
figures of 521.14  
rotation of 521.15  
Hëbbel, F; Ger. drama 832.77  
Hebraic Sabbath 263.1  
Hebrew ancient history 933  
<sup>4</sup> language 492.4  
<sup>5</sup> literature 892.4  
religion 296  
Hebrews epistles 227.87  
modern history 296  
<sup>1</sup>Hebrides " 941.17

Hebrides, New	history	993.4	Heliotherapy	medicin	615.831
	travels	919.34	Heliotropism	mesology	612.014447
Hed			Heliotypes		774
ake	diseases	616.84	Heliozoa	zoology	593.13
<b>anatomy</b>		<b>611.91</b>	<b>Helium group</b>	<b>chemistry</b>	<b>546.29</b>
art	anatomy	743	Hell	theology	237.5
boiler	steam engineering	621.18452	Hellebore	irritant poisons	615.93
<b>bones</b>	<b>anat.</b>	<b>611.714</b>	Hellenic languages, minor		489
<b>bursae</b>	"	<b>611.751</b>	Helmers, J. F.	Dutch poet.	839.3152
craniology		573.7	Helminthology	zoology	595.1
diseases		616	Help, <i>see</i>	Servants	
dress	customs	391.5	Helps, Sir A.	Eng. essays	824.84
lymphatic glands	anat.	611.461	Helps for laboring classes		331.85
lymphatics	"	611.4211	Helth		
<b>muscles</b>	"	<b>611.732</b>	affected by soil		614.77
oblique muscles	"	611.7318	boards of local gov't		352.4
phrenology		139	<b>pub. helth</b>		<b>614</b>
<b>surgery</b>		<b>617.51</b>	for library servis		023.54
Hedakes	diseases	616.84	<b>laws</b>	<b>hygiene</b>	<b>613</b>
Hedberg, F.	Swed. dram.	839.7265	lift	therapeutics	615.82
Hedgear, indoor		646.48	<b>of students</b>		<b>371.71</b>
<b>outdoor</b>		<b>646.5</b>	<b>public</b>		<b>614</b>
Hedges	landsc. gardening	715	resorts	hygiene	613.12
Hedonism	ethics	171.4	Helths		
Hedstones	monuments	718	drinking of	customs	394.1
	'mortu. design	247.3		ethics	178.3
Heel	anatomy	611.986	Hematin	physiology	612.11116
bone	"	611.71873	Hematoidin	"	612.11116
Hegel	German filosofers	193.5	Hematology, <i>see</i>	Blood	
Hegelund, P. J.	Dan. dram.	839.8233	Hematopoiesis	physiology	612.119
Hegesias	Gk filosofers	183.5	Hematopoietic		
Heiberg, J. L.	Dan. dram.	839.8262	action of spleen		612.411
P. A.	"	839.8258	function of liver		612.356
Heidelberg	catechism	238.41	Hematoxylin	physiology	612.11116
<sup>1</sup>	history	943.46	Hematuria	"	612.46669
	travels	914.346	Hemeralopia	"	612.8456
Height, <i>see</i>	Hight		Hemin	"	612.11116
Heine, H;	Ger. poetry	831.75	Hemiplegia	paralysis	616.842
Heinrich von Veldeke		831.23	Hemiptera	insects	595.75
Heinrije van Veldeke		839.3112	Hemlock		
Hears	law	347.6	therapeutics		615.786
<sup>1</sup> Hejaz, Arabia	history	953.2	Hemming	dom. econ.	646.21
Hektograf	offis appliances	652	Hemmingsen, N.	Dan. misc.	839.883
Heldenbuch	Ger. poetry	831.29	Hemocyanin	physiol.	612.11118
	das K.v.d.Röhn	831.35	Hemoglobin	blood	612.11111
Heliand	Saxon epic poetry	839.2		nutrition	612.3981452
Helicopters	aeronautics	629.176	Hemoglobinuria	physiol.	612.46669
Heliocentric			Hemolytic subst.	"	612.11145
longitude and latitude		521.25	Hemophilin	"	612.11533
<b>place</b>		<b>521.2</b>	Hemorrhage		
Heliografs, military		623.731	in labor	obstetrics	618.54
Heliogravure	photog.	777	of the lungs	diseases	616.234
Heliometer	astronomy	522.45	physiology		612.1162
Heliostat	"	522.58			

- Hemorrhoidal  
artery, middle anat. 611.13774  
nervs, " " 611.839  
plexus " " 611.1471
- Hemorrhoids diseases 616.35
- Hemostasia physiology 612.11621
- Hemp  
agriculture 633  
domestic economy 646.12  
engineering materials 620.197  
manufactures 677
- <sup>1</sup>Henderson co. Ill. hist. 977.341
- <sup>1</sup>Hendricks co. Ind. " 977.253
- Henri Deux ware pottery 738
- Henry 1 Eng. history 942.023  
2 " 942.031  
Irish history 941.52  
3 Eng. history 942.034  
4 " 942.041  
5 " 942.042  
6 " 942.043  
7 " 942.051  
8 " 942.052
- Henry 1 French history 944.021  
2 " 944.028  
3 " 944.029  
4 " 944.031
- Henry 1 Ger. history 943.022  
2 " 943.022  
3 " 943.023  
4 " 943.023  
5 " 943.023  
6 " 943.024  
7 " 943.026
- <sup>1</sup>Henry co. Ill. history 977.338  
<sup>1</sup> Ind. " 977.264  
<sup>1</sup> Ia. " 977.795  
<sup>1</sup> Mo. " 977.846  
<sup>1</sup> O. " 977.115  
Ft capture U.S.civ.war 973.7322  
naval hist. " 973.752
- Hens diseases of 619.5  
poultry 636.5
- Hepatic  
artery anatomy 611.13641  
circulation physiology 612.3515  
duct anatomy 611.362  
extract physiology 612.3516  
nervs anatomy 611.8393  
opotherapy physiology 612.35161  
steatoses, toxic " 612.3541  
vein anatomy 611.1464
- Hepaticæ botany 588.3
- Hepatitis diseases 616.36
- Hepatology** physiology 612.35
- Heptarchy Eng. history 942.01
- Heraclitus Gk philosophy 182.4
- Heraldry** 929.6
- <sup>1</sup>Herat, Afghanistan hist. 958.3  
trav. 915.83
- <sup>1</sup>Herault, France history 944.84
- Herb doctors cures 615.855  
like fruits agric. 634.7
- Herbariums 580.7  
architecture 727.6
- Herberay, N<sup>o</sup> d' Fr. fiction 843.33
- Herbert, G: Eng. poetry 821.38
- Herculeaneum description 913.377
- Herder, J; G. von Ger. poet. 831.64
- Hereditary  
diseases hygiene 613.93  
genius mental charac. 136.3  
membership in legis. bod. 328.3352  
societies Amer. 369.1  
succession law 347.6  
pol. sci. 321.6
- Heredity  
evolution 575.1  
hygiene 613.9  
mental 136.3  
origin of the soul 129.2  
physiology 612.605  
spiritual doct. theol. 233.3
- <sup>1</sup>Hereford, England hist. 942.44
- Heresies** 273
- Heretics, persecutions of** 272
- Herjulfson, B Amer. hist. 973.13
- <sup>1</sup>Herkimer co. N. Y. hist. 974.761
- Hermann v. Sachsenheim 831.33
- Hermanni, N. Swed. poetry 839.7111
- Hermaphrodites animals 591.167  
man 573.9
- Hermaphroditism physiol. 612.608
- Hermeneutics Bible 220.6
- Hermetic art alchemy 540.1
- Hermits biografy 920.8  
religious biografy 922
- Hernia diseases 616.34
- Herniotomy surgery 617.55
- Herodotus Greek literat. 888.1
- Heroism ethics 179.6
- Herpetology** 598.1
- Herrera, F. de Span. poetry 861.35
- Herrick, R. Eng. poetry 821.43
- Herring fisheries 639.2
- Herrnhuters sects 284.6
- <sup>1</sup>Hertford Eng. history 942.58
- Hertz, Henrik Dan. dram. 839.8263

Herzegovina	history	943.96	High	velocity overshot wheels	621.222
Hesiod	Greek epic poetry	883.2	Higher		
Hesse-			<b>algebra</b>		<b>512.8</b>
<sup>1</sup> Darmstadt	Ger. hist.	943.41	criticism	Bible	220.6
<sup>1</sup> Nassau	" "	943.58	<b>education</b>	<b>academies</b>	<b>373</b>
Hessian fly	agric. pests	632		<b>colleges</b>	<b>378</b>
Hessians	Amer. revol.	973.342		<b>of women</b>	<b>376.6</b>
Hetærisism	customs	392.6		numeric equations algeb.	512.22
Heterocera, <i>see</i>	Moths		<sup>1</sup> Highland co. O.	history	977.184
Heterogenesis			<b>Highlands, Scotland</b>	descr.	<b>914.11</b>
alternate generation		591.163		<b>hist.</b>	<b>941.1</b>
spontaneous "		591.161	<sup>1</sup>		
Heterophagic variat.	zool.	591.153	Highmore's body	anat.	611.6315
Heven	theology	237.4	Hight		
Hevenly bodies, figures of		521.14	of atmosphere		523.58
rotation "		521.15	bildings	ground hyg.	614.784
Hevy current cells		621.3534	tide wave		525.65
<b>engineering</b>		<b>621.31-.37</b>	Hights, mesurem't	survey'g	526.94
<b>Hexacorolla</b>	<b>zoology</b>	<b>593.63</b>	Highway areas	Eng. loc. gov.	352.0427
Hexagons	geometry	513.16	bridges	engin'g	624.12
Hexameters			Highwaymen	law	343
English prosody		426.5	Highways		
Greek	"	486.5	administration		351.811
Latin	"	476.5	law		347.2
<sup>3</sup> other languages			local government		352.7
<b>Hexapoda</b>	<b>zoology</b>	<b>595.7</b>	road engineering		625.7
Hexateuch	Bible	222.1	transportation		386
Heyse, P. J; L; Ger. fict.		833.85	travel on	protec.of life	614.862
Heywood, J; Eng. drama		822.21	Hildebrand	Italian hist.	945.03
Hiatus	Greek prosody	486.4	religious "		270.4
Latin	"	476.4	Hildebrandslied	Ger. poet.	831.11
<sup>3</sup> other languages			Hillhouse, J. A.	Am. dram.	812.23
Hibbert lectures	religion	290	<sup>1</sup> Hillsboro co. N. H.	hist.	974.28
Hibernation	comp. phys.	612.58	<sup>1</sup> Hillsdale co. Mich.	"	977.429
zoology		591.54	Himalayan architecture		722.4
Hickok, L. P.	Am. philos.	191.4	Himalayas	phys. geog.	551.43
Hickory co. Mo.	history	977.8496	travel		915.42
Hicksites	friends	289.6	Himyaritic inscriptions		492.917
<sup>1</sup> Hidalgo, Mexico	history	972.4	<sup>4</sup> <b>language</b>		<b>492.9</b>
Hide	eng. materials	620.198	<b>Hindbrain</b>	<b>anatomy</b>	<b>611.817</b>
Hierarchy, military		355.33	<b><sup>4</sup>Hindi language</b>		<b>491.43</b>
<b>Hieroglyphics</b>		<b>419</b>	Hindoo, <i>see</i>	Hindu	
Egyptian		493.1	<sup>1</sup> Hindustan	history	954
High			Hindrances	farming	632
altitude observatories		522.14	Hindu architecture		722.4
church	Anglican church	283	<sup>4</sup> <b>languages</b>		<b>491.1</b>
license	temper. ethics	178.4	<b>law</b>		<b>349.54</b>
pressure engins		621.11253	philosofy		181.4
hot water heat'g		697.4	religion		294
piping hydraul.		621.253	Hinduism		294
steam heat'g		697.5	<sup>1</sup> Hindustan	history	954
schools		379.17	<b><sup>4</sup>Hindustani language</b>		<b>491.43</b>
<b>speed telegrafy</b>		<b>621.3824</b>	Hinged		
treason	law	343	arch	bridge engin'g	624.68



- Hip  
 anatomy 611.981  
 bone 611.7181  
**diseases of** 616.7  
 joint anatomy 611.7282  
 muscles " 611.7381  
 surgery 617.58  
 Hipparion paleontology 569.7  
 Hippias Greek philos. 183.1  
 Hippocampal gyre anat. 611.81314  
     sulcus " 611.81314  
 Hippocrates strainer chem. 542.67  
 Hippology *see* Horse  
 Hipponax Greek satire 887.3  
 Hippophagy hygiene 613.28  
 Hippuric acid physiology 612.461266  
 Hirudinidæ medicin 616.9688  
     zoology 595.1  
 Hirundinidæ " 598.8  
**Histogenesis** " 591.17  
 Histology  
   animals 591.8  
   botany 581.8  
   **human anatomy** 611.018  
   of muscular contraction 612.7419  
 Historians, English biog. 928.28  
 Historic  
   atlases 911  
   books **Bible** 222  
   charts and tables 902  
   geografy 911  
   magazines 905  
   on special subj. *see* subject  
   painting 756  
   school econ. systems 330.154  
   sermons 252.9  
   societies 906  
   on special subj. *see* subject  
   theology 209  
**History** 900  
   ancient 930  
   constitutional 342  
   ecclesiastic 270  
   general modern 909  
   literary, general 809  
   modern 940-999  
   natural 590  
   naval, *see* spec. countries  
   of civilization 901  
   philosofy of 901  
   sacred 220.9  
   universal 909  
<sup>2</sup> of special topics *see* subject  
 Histronics 792
- Hittites history 939.45  
 Hives  
   apiculture 638.1  
   skin diseases 616.51  
 Hjärne, Urban Swed. misc. 839.7832  
 Hobbes materialism 146  
 Hobbies  
 Hobkirks hill, S.C. Am. rev. 973.3372  
<sup>1</sup>Hoboken, N. J. history 974.928  
<sup>1</sup>Hochelaga co. Que. " 971.428  
<sup>1</sup>Hocking co. O. " 977.183  
 Hockey outdoor sports 796  
 Hoffmann, E.T.W; Ger. fict. 833.64  
 Hofmannswaldau " poet. 831.55  
 Hog  
   diseases of 619.4  
   domestic animals 636.4  
   engin engineering 621.13262  
   styes air pollution 614.762  
 Hohenstaufen, house of  
   German history 943.024  
 Hohenzollern " " 943.49  
 Hoijer, B:K:H. Sw. essays 839.7461  
 Hoisting engines min. eng. 622.67  
   **machinery** " 621.86  
   **mining engin'g** 622.6  
   of water mining 622.55  
 Hoists  
   **blocks and tackle** 621.862  
   hydraulic 621.263  
   projectil ordnance 623.4364  
 Holberg, L. Dan. dram. 839.8241  
 Hölderlin, J; C. F; Ger. poet. 831.67  
 Holdover  
   members legis. bod. 328.3356  
 Holiday  
   opening library econ. 024.43  
   work " " 023.633  
 Holidays  
   customs 394  
   hygiene 613.77  
   laboring classes 331.817  
   **library economy** 023.65  
   school education 371.23  
 Holiness doct. theology 234.8  
 Holland, J. G. Am. essays 814.34  
 Holland, *see* Netherlands  
 Hollow tile  
   construction bilding 693.4  
   floors arch. construc. 721.63  
 Holly system waterwks 628.12  
 Holmes, O.W. Am. humor 817.32  
<sup>1</sup> co. O. history 977.164

Holmström, I. Swed. poetry	839.7134	Homes	
Holocephali zoology	597.3	for aged architecture	725.56
Holothuroidea "	593.96	poor, city "	728.11
Holstein		country cottages	728.68
cattle domes. animals	636.2	tenem'ts	728.12
<sup>1</sup> duchy of history	943.51	hygiene	613.51
<sup>1</sup> Holt co. Mo. history	977.8115	soldiers architecture	725.59
Holtz machine electricity	537.2	institutions	362.8
Holy		Washingtonian architec.	725.65
alliance European hist.	940.9	working girls institu.	362.8
communion	265.3	pol. econ.	331.83
Eastern church	281.9	Homestead bill U. S. law	347.2
Ghost, knights of	929.716	Homicide law	343
theology	231.3	<b>Homiletics theology</b>	<b>251</b>
grail legends	398.2	<b>Homilies sermons</b>	<b>252</b>
land history, ancient	933	Homœopathy	615.53
mod.	956.9	Homiothermic animals,	
pre-Israel. hist.	939.45	inanition	612.39196
travels	915.69	Homologies biology	574
leag French history	944.029	botany	<b>581.4</b>
offis persecutions	272.2	zoology	591.4
Span. hist.	946.04	Homonyms Eng. philol.	424
orders church	265.4	Homopolar mach. elec.eng.	621.313291
<b>Roman empire</b>	<b>943</b>	Homoptera entomology	595.75
road ecclesiology	247.9	Hondt system suffrage	324.224
scriptures	220	Honduras	
see	282	<sup>1</sup> British history	972.82
Spirit theology	231.3	<sup>1</sup> Central America hist.	972.83
water ecclesiology	246.6	trav.	917.283
Homage feudalism	321.3	Honesty ethics	174.7
Home, H: English essays	824.62	Honey agriculture	638.1
J: " dram.	822.64	Honeymoon customs	392.5
Home		<sup>1</sup> Hong Kong, China hist.	951.2
customs	392	trav.	915.12
domestic economy	643	<sup>1</sup> Honolulu history	996.9
economics	640	travels	919.69
education library econ.	021.4	Honor	
of girls	376.3	business ethics	174.7
self-education	374	military	355.13
vs school	373.11	roll of U. S. civ. war	973.767
life ethics	173.7	student	371.81
meals domest. econ.	642.1	system school gov't	371.59
missions	266	Honorary	
relations customs	392.3	degrees colleges	378.25
rule Irish history	941.58	titles heraldry	929.7
polit. parties	329.942	Honors, military	355.13
study, societies for	374.43	Hood, Robin legends	398.2
use of books lib. reg.	024.6	T: Eng. humor	827.72
woman in	396.6	Hoods, academic	378.29
Homeopathy therap.	615.53	domestic econ.	646.55
Homer Greek poetry	883.1	Hooft, C. Dutch drama	839.3232
Homeric hymns	883.1	Hoogvliet, Arn. " poetry	839.3143
Homes		Hook bone anatomy	611.71778
country architecture	728.6	Hooks, strength of engin'g	620.11286

Hookworm disease	616.965	Hosea Bible	224.6
Hooping cough diseases	616.204	Hosiery clothing	646.42
Hoops, gun ordnance	623.4233	costumes	391.4
strength of engine'g	620.11286	manufacture	677
Hoopt guns ordnance	623.42161	Hospice of St Bernard	
Hoosac tunnel engine'g	622.26	protec. of life	614.87
Höpken, A. J. von Swed. misc.	839.7845	Hospital	
Hopkinsianism Calvinism	284.2	cookery dom. econ.	641.563
Hopkinson, Francis Am. sat.	817.14	gangrene diseases	616.941
Hops agriculture	633	ships shipblding	623.826
brewing	663.3	sketches U. S. civ. war	973.776
Horace Latin lyric poetry	874.5	training schools	610.73
satire	877.3	Hospitalers knights	929.711
Horizon, artificial	522.57	Hospitality ethics	177.1
Horizontal marine engines	621.1224	Hospitality	
steam "	621.11242	and asylums arch.	<b>725.5</b>
Horn organic chemistry	547	hygiene	613.56
wind instrument	<b>788.4</b>	institutions	<b>362</b>
Hornbill birds	598.8	marine institutions	362.1
Horned cattle agriculture	636.2	military "	362.1
Horneck, O. von Ger. poet.	831.31	U. S. history civil war	973.776
Hornet		Mex. "	973.627
and Peacock U. S. hist.	973.5253	revolution	973.376
Penguin "	973.5257	Span. war	973.897
Horns anatomy	611.788	war of 1812	973.527
drinking customs	394.1	Host eucharist	265.3
gray spinal cord	<b>611.822</b>	Hostilities, see War	
<b>Horology astronomy</b>	<b>529.7</b>	Hot	
watchmaking	681	air baths hygiene	613.46
Horoscope astrology	133.5	engins	621.41
Horse		heating blding	697.3
artillery mil. engine'g	623.431	treatment	615.832
cars railroad eng.	625.6	drinks hygiene	613.37
cruelty to	179.3	houses agriculture	635
diseases veterin. med.	619.1	flower culture	716.3
domestic animal	636.1	springs physical geol.	551.23
fertilizers	631.861	water heating	697.4
pox diseases	616.955	wether cookery	641.592
racing amusements	798	Hotchkiss	
ethics	175.7	gun ordnance	623.4225
railway engineering	625.6	revolving cannon	623.42242
sociology	386	Hotels	
useful arts	656	architecture	<b>728.5</b>
shoeing	682.1	cookery	641.572
training dom. animals	636.1	family architecture	728.2
zoology	599.7	housekeeping	647.94
Horsemanship	798	hygiene	613.52
Horsepower, locomotiv	621.1311	Hottentots description	916.87
Hortatory theology	243	<sup>1</sup> Houghton co. Mich. hist.	977.499
Horticultural societies	716	Hour glasses horology	529.78
agric.	630.6	system lib. econ.	023.64
<b>Horticulture</b>	<b>716</b>	Hours	
fruits and veg.	630	library regula. for read.	024.3
Hose fire engins	614.846	meal lib. econ.	023.62

Hours			
of labor	dom. econ.	647.7	<sup>1</sup> Howard co. Ind. hist. 977.285
	newspaper offis	070.315	1 Ia. " 977.731
	polit. econ.	331.814	1 Md. " 975.281
servis	lib. econ.	023.61	1 Mo. " 977.8285
	teachers	371.166	<sup>1</sup> Howell co. Mo. " 977.885
school		371.24	Howells, W: D. Am. fic. 813.43
House			<b>Howe's campaign</b> Am. rev. 973.3336
<b>ilding</b>		690	Howitzer mounts ordn. 623.4322
care of	dom. econ.	648.5	Howitzers " 623.4213
<b>cleaning</b>	" "	648.5	Hubbardton, Vt. Am. rev. 973.3332
connections	sewerage	628.252	Huckster licenses local gov. 352.8
<b>domestic economy</b>		643	Hudson
drainage	sewerage	628.6	1 bay territory history 971.2
drains	"	628.235	1 co. N. J. " 974.926
flies	domestic pests	648.7	river campaign Am. rev. 973.3321
<b>furnishing</b>	dom. econ.	645	description 917.47
garments	" "	646.43	Hudson's, H: voyage
of commons	English	328.42	N. Y. hist. 974.7
correction		364	U. S. " 973.21
lords	English	328.42	Huerta, V.A.G. de la 861.43
refuge		364	Huet, C. B. Dutch essays 839.3455
representativs	U. S.	328.73	Hugh Capet Fr. history 944.021
<b>painting</b>	<b>ilding</b>	698.1	Hughes printing telegraf 621.38253
repairs	dom. econ.	643.7	Hugo, V. M. Fr. drama 842.78
<b>sanitation</b>	" "	648.5	" fiction 843.78
tax	real estate	336.22	" poetry 841.78
wiring	elec. lighting	621.3282	Huguenots
Household			church 284.5
accounts	dom. econ.	647.1	lives 922.4
<b>administration</b>		647	persecutions 272.4
art	decoration	747	Hulsean lectures apologet. 239.03
<b>organization</b>		647	Human
registers of servants		647.29	ability doctrinal theol. 233.4
servis, indoor		647.25	<b>anatomy</b> 611
outdoor		647.3	<b>body and mind</b> 130
Housekeeper	dom. econ.	647.21	body art anatomy 743
<b>Housekeeping</b>		640	<b>temperature</b> 612.56
cooperation		334.4	depravity doct. theol. 233.1
schools	dom. econ.	640.7	excreta fertilizer 631.86
Houses			<b>faculties</b> psychology 150
architecture		720	figure perspectiv 515.67
disinfection in cont. dis.		614.48	habitations hygiene 613.5
flues in sewerage		628.233	<b>life</b> protec. fr. accident 614.8
hygiene		613.5	locomotion physiol. 612.766
noble	heraldry	929.7	mind psychology 150
pipes on	sewerage	628.234	nature dogmatics 233
society	student life	371.86	<b>mental charac.</b> 136
Housewifery		640	physiology 612
Housing of animals	hyg.	614.94	race ethnology 572
Houston's valvs	rectum	611.351	resorts hygiene 613.5
Houwaert, J.B.	Dut. poet.	839.3125	rights pol. science 323
Howard, H:	Eng. "	821.28	<b>sacrifice</b> nonchrist. relig. 290
			Humane societies 179.2
			Humanism literature 880.7

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Humanism	philosofy	149.9	Husbands, duties of eth.	173.3
Humanitarianism	unita.	288	Hussites	Christian sects 284.3
Humanity	ethics	177.7	Huydecoper, Balthaser	Dutch drama 839.3243
Humanized vaccination		614.4732	Huygens, Constantijn	Dutch poetry 839.3134
<sup>1</sup> Humboldt co. Ia.	hist.	977.727	<b>Huzwaresch language</b>	<b>491.53</b>
Humbugs	delusions	133.7	Hvitfeld, Arild	Dan. mis. 839.883
Hume, D:	Eng. essays	824.64	Hyaloid canal	anat. 611.8447
	philosofy	192.4	membrane	" 611.8447
Humeral artery	anatomy	611.1342	Hybrids	animals . 591.158
Humero-				plants 581.158
radial joint	"	611.72733	Hydatids of Morgagni	611.633
spinal muscles	"	611.7311	parasitic diseases	616.964
ulnar joint	"	611.72731	<sup>1</sup> Hyderabad, India	history 954.9
Humerus	"	611.7174	Hydragogs	cathartics 615.7324
Humility	ethics	179.9	Hydrations	
Humiriaceæ	botany	583.213	in organisms	physiol. ch. 612.01536
Humming birds	zoology	598.8	mesology	612.0144612
Humor			Hydraulic	
American	literature	817	brakes	gun mounts 623.43563
	revolution	973.396	elevators	engineering 621.8774
aqueous	anatomy	611.8449		lib. bldgs 022.954
	physiology	612.8444	engin	mech. engin. 621.25
<sup>5</sup> English literature		827		physics 532.82
library		020.88	engineering	627
U. S. civil war		973.796		sanitary 628
war of 1812		973.5296	giant	engineering 621.269
vitreous	anatomy	611.8447	<b>machinery</b>	621.26
	physiology	612.8447	mining	engineering 622.32
<b>Humoral pathology</b>		<b>616.4</b>	<b>motors</b>	" 621.2
Humorists, Eng.	biografy	928.27	press	" 621.266
Hundred days	Fr. hist.	944.05		physics 532.82
Hungarian language		494	pressing	printing 655.33
<sup>1</sup> Hungary	history	943.91	<b>ram</b>	<b>engineering 621.27</b>
<b>Hunger and thirst</b>	<b>physiol.</b>	<b>612.391</b>	<b>Hydraulics</b>	<b>science 532</b>
Huns	history	950	Hydrazo bodies	chem. 547.8
Hunt, Leigh	Eng. essays	824.77	<b>Hydrocarbons</b>	" 547.2
<sup>1</sup> Hunterdon co. N. J.	hist.	974.971		mineral. 549.8
Hunting	business	639.1	Hydrocele	diseases 616.68
	sport	799	Hydrocephalus	" 616.82
	suits dom. econ.	646.47	Hydrocharideæ	botany 584.11
<sup>1</sup> Huntingdon co. Pa.	hist.	974.873	Hydrochloric acid	physiol. 612.3233
	Que.	" 971.431	Hydrodynamics	
<sup>1</sup> Huntington city, W. Va	"	975.4421	physics	532.5
<sup>1</sup>	co. Eng.	" 942.56	water engins	621.2
<sup>1</sup>	Ind.	" 977.271	Hydroelectric plants	621.312134
<sup>1</sup> Huron co. Mich.	"	977.444	Hydrogen	
<sup>1</sup>	O.	" 977.125	carburetted	pub. helth 614.722
<sup>1</sup>	Ont.	" 971.322	chemistry	546.11
Huronian strata	geology	551.71	Hydrogeology	551.92
Hurricanes		551.55	Hydrografy	surveying 526.99
Husband and wife	ethics	173.3	Hydroidæ	zoology 593.71
	law	347.6	Hydrokinetics	532.5
<b>Husbandry</b>	agriculture	<b>630</b>		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

<b>Hydrology</b>	<b>551.46</b>	Hyperboloid	analyt. geom.	516.44
Hydrolytic ferments		Hyperboreans	Gk mythol.	292
physiologic chemistry	612.01512	Hyperdulia	Rom. cath. theol.	230.2
<b>Hydromechanics</b>	<b>532</b>	Hyperelliptic func.	calculus	517.36
Hydromedusæ	zoology	Hyperemia	diseases	616.1
Hydrometry		Hyperesthesia	"	616.856
specific gravity	chem.		physiology	612.887
	physics	Hypericineæ	botany	583.162
velocity	"	Hyperides	Gk oratory	885.7
Hydrophathy		Hypermetamorphosis	zool.	591.35
Hydrophobia		Hypermetropia	physiol.	612.8452
diseases	616.953	Hypertrophies	skin dis.	616.54
protectiv inoculation	614.477	Hypnotics	therapeutics	615.782
public helth	614.563	Hypnotism	mesmerism	134
Hydrophyllaceæ	botany		phys. psych	612.82171
<b>Hydrostatics</b>	<b>532</b>	Hypoblast	embryology	611.01337
Hydrotherapy	615.853	Hypochondria		
Hydrotimetry	chem. anal.	medicin		616.852
Hydrous		mental disease		132.3
silicates	mineralogy	Hypodermic injections	med.	615.63
sulphates	"	Hypogastric		
<b>Hydrozoa</b>	<b>zoology</b>	glands	anatomy	611.4651
Hygiene		nervs	"	611.839
mental	131	region	"	611.957
military	613.67	veins	"	611.1471
naval	613.68	Hypoglossal		
of air and ground	614.7	nerv	"	611.83193
animals	pub. helth		physiology	612.81993
occupation	613.6	nucleus	anatomy	611.8189
pregnancy	obstetrics	Hypopharynx	"	611.3273
travel and exploration	613.69	Hypophysis	"	611.8143
personal	613		physiology	612.492
prison	613.57	Hypothalamus	anatomy	611.8141
public	614	Hypotheses	logic	167
school	education	Hypothesis, nebular		523.12
vocal	784.9	Hypothetic		
Hyginus, C. J.	Latin poet.	sentences	Eng. gram.	425.4
Hygrometry	meteorology	Hypsometry	phys. geog.	551.53
Hylozoism	metaphysics	Hyracoidea	mammals	599.6
Hymen	anatomy	Hyrax	"	599.6
Hymenomycetes	botany	Hyrcania	ancient history	939.62
Hymenoptera	fossils	Hysteria	diseases	616.852
	insects	Hysterics	ment. derange.	132.5
Hymn tunes	music	Hysterology		425.3
Hymnody	"	Hysterotomy	obstetrics	618.86
<b>Hymnology</b>	<b>sacred theol.</b>			
Hymns	Homeric			
	hymnology			
Hyoid bone	anatomy			
muscles	"			
Hyperæ-, see Hypere-				
Hyperbola	analytic geom.			516.24
	geometry			513.24
Hyperbolic func.	calculus			517.36

I beams engineering	620.11282	Idiocy	132.2
I.W.W. labor organizations	331.88	Idiom neutral univ. lang.	408.9
Iamblichus Greek philos.	186.4	<sup>2</sup> Idioms Eng. language	423.1
Iberia, Asia anc. hist.	939.54	Idiosyncrasies, mental	137
<sup>1</sup> Iberville co. Que. hist.	971.461	Idiosyncrasy	
Ibsen, Henrik Dan. dram.	839.8266	influence of therapeu.	615.57
Ice		Idiots	
age geology	551.79	asylums	362.3
breakers shipbuilding	623.828	architecture	725.53
dealers trades	689	child study	136.7622
<b>erosion and deposition</b>	<b>551.3</b>	schools	371.92
formation of	551.57	Idleness ethics	179.8
frost geologic agents	551.91	Ido univ. lang.	408.9
houses architecture	728.97	<b>Idolatry nonchrist. relig.</b>	<b>290</b>
impure hygiene	613.32	Idumæa ancient history	939.46
<b>manufacture</b>	<b>621.58</b>	Idyllic orchestral music	785.3
meteorology	551.57	vocal music	784.3
packing for the dead	614.64	Iffland, A; W; Ger. drama	832.65
sports	796	Iglesias de la Casa, J.	861.47
trade economics	338.3	<b>Igneous rocks lithology</b>	<b>552.1</b>
Icebergs physical geog.	551.34	Ignition devices gas engines	621.437
Icccream dom. econ.	641.86	Iguanodon fossils	568.19
Iceland		Ihre, Johan Swed. miscel.	839.7843
discovery Scand. hist.	948.02	Iland of Reil anat.	611.81319
<sup>1</sup> history	949.1	Ilands	
<sup>4</sup> language	439.6	isolated history	997
<sup>5</sup> literature	839.6	of Langerhans anat.	611.377
Ices domestic economy	641.86	physiol.	612.349
Ichneumonidæ zoology	595.79	physical geografy	551.42
<b>Ichnology paleontology</b>	<b>566</b>	Iliac	
<b>Ichthyology</b>	<b>597</b>	arteries anatomy	611.137
Ichthyopterygia reptils	598.15	glands "	611.4651
Iconoclasts heathen art	246.3	muscle "	611.73812
<b>Iconografy</b>	<b>740</b>	veins "	611.147
<b>Christian</b>	<b>247</b>	Iliad Greek epic poetry	883.1
Iconology emblems	246.5	Ilicineæ botany	583.269
Icterus diseases	616.36	Ilio-	
pediatrics	618.9	cecal valv anatomy	611.3451
physiology	612.35765	costal muscle "	611.73131
<sup>1</sup> Ida co. Ia. history	977.742	femoral ligament "	611.7282
Idaho U. S.		hypogastric nerv, great	611.83541
admission U.S.hist.	973.86	inguinal nerv anat.	611.83542
<sup>1</sup> history	979.6	psoas muscle "	611.73811
mil. hist. U.S.civ.war	973.7496	<b>Ilium</b>	<b>611.344</b>
war with Spain	973.89496	bone "	611.71811
Ideal state pol. sci.	321.07	<sup>1</sup> Ille et Vilaine, Fr. hist.	944.15
Idealism philos. system	141	Illecebraceæ botany	583.912
Idealistic painting	753	Illegal	
Idealized dance music	786.45	practises legislation	328.367
Ideals, library	021.03	voting suffrage	324.272
for special places	021.04	Illegitimacy law	347.6
Ideas, innate psychology	156	Illinois, U. S.	
Identity, mistaken law	347.94	admission U. S. hist.	973.54
personal	126		

Illinois, U. S.			Immersion	
<sup>1</sup> history	977.3		baptism	265.1
For military history, see 973.52473, 973.7473 and 973.89473			baptist doctrines	230.6
<b>Illiteracy</b> public schools	379.2		sect	286
spelling reform	421.4		Immigrants colonies	325.1
Illuminated books	096		<b>Immigration</b>	325
manuscripts	091		Immoral	
Illuminati society	366.4		art ethics	176.7
Illuminating			literature lib. exclusion	025.217
apparatus microscopes	578.5		restriction	024.674
engineering	628.9		Immortality	
gases air pollution	614.723		conditional	237.3
chem. tech.	665.7		doctrinal theology	237.2
inspection of	614.835		metaphysics	128
Illumination			natural theology	218
decoration	745		of animals	591.51
electric	537.83		Immunity against venoms	612.3143
engineering	621.32		diplomatic	341.7
house lighting	644.3		legis. prerogs.	328.348
instruments, astronomy	522.55		Impact engineering	620.1125
microscopy	578.5		Impeachment	
sacred ornamentation	247.4		administration	351.99
Illusions, mental	133.2		constitutional law	342
optic physiology	612.84374		criminal law	343
sensory "	612.82189		legislative investigation	328.345
Illustrated books rarities	096		procedure	328.3791
Illustrations			Imperfections crystallog.	548.4
of books publishing	655.53		Imperial	
rare	096		federation Great Britain	354.4201
Illustrative orchestral music	785.2		robes ceremonies	394.4
Illyria ancient history	939.87		Imperialism	
<b>Image worship idolatry</b>	290		political science	321.03
Images in churches eccles.	246.3		Implements	
Imaginaris, calculus of	517.8		agricultural	630
Imaginary			domestic labor savers	643.6
books	098		kitchen	643.3
expressions algebra	512.24		laundry	648.1
imprints	014		ordnance	623.463
quantities algebra	512.24		primitiv	571
Imagination			Implied powers pol. sci.	328.253
in art	701		<b>Imponderable remedies ther.</b>	615.83
science	501		Importance	
influence on body	615.851		of labor polit. econ.	331.013
mental faculties	155		Importation	
physiologic psychology	612.8212		duty free for colleges	337.8
Imbecility ment. derange.	132.2		libraries	021.861
Imbecils, see Idiots			of books lib. economy	025.221
Imbibition physiology	612.381		Imports commerce	382
Imitation education	370.15		duty on	337
Immaculate conception			Imposition printing	655.27
of Christ	232.1		Impostors humbugs	133.7
Mary	230.2		Impotence diseases	616.69
			Imprecations ethics	179.5
			Impregnation physiology	612.63



Impressionist painting	759.9	Incurables	
Impressment, military	355.2	hospitals for	362.1
of seamen	359	architec.	725.51
Imprints, fictitious	014	Incus anatomy of ear	611.857
Imprisonment punishm'ts	343.2	Indelible inks chem. tech.	667.4
Improvisation org. music	786.87	Indemnity internat. law	341.3
Impulse		Independence, Am. U.S.hist.	973.313
of water hydraulics	532.58	day schools	371.365
physiologic psychology	612.82134	Independency ch. polity	262.8
turbins water motors	621.247	Independent angles geod.	526.51
Impure ice hygiene	613.32	Independents sects	285.9
Impurities		Indeterminate	
of well water hygiene	613.32	equations algebra	512.23
waterworks	628.16	forms calculus	517.22
Inability, human theol.	233.4	Indeterminism	
Inanition animal heat	612.543	mental faculties	159
nutrition	612.391	Index	
Inaugurations ceremonies	394.4	error prac. astronomy	522.38
Incandescence heat	536.45	expurgatorius rarities	098
Incandescent		making literary meth.	029.5
lighting elec. eng.	621.326	rerums " "	029.5
gas	628.9	Indexes, biblical concord.	220.2
vapor lighting elec. eng.	621.327	see subject index†	
Incantations	133.4	India	
Incapacity suffrage	324.171	administration	354.54
Incarnation Christology	232.1	antiquities	913.54
Incas history	985	architecture	720.954
Incendiary devices mil. eng.	623.45431	ancient	722.4
Incense ecclesiology	247.9	Mohammed.	723.3
Incest crim. law	343	botany	581.954
physiology	612.607	<sup>1</sup> British history	954
Inchbald, Mrs E.. Eng.dram.	822.67	<sup>1</sup> Farther " "	959
Incised wounds surgery	617.141	finance	336.54
Inclination of equat. to eclip.	525.51	geology	555.4
Inclined		history, ancient	934
marine engins	621.1224	<sup>1</sup> modern	954
plane canal engin'g	626.5	maps	912.54
machines	531.85	rubber manufactures	678
steam engins	621.11246	schools, public	379.54
Inclines railroad engin'g	625.3	statistics	315.4
Inclosed arc elec. lighting	621.32543	travel	915.4
Income		other topics see table 1	
public finance	336	Indian	
tax " "	336.24	<sup>1</sup> archipelago history	991
law decis. U.S.hist.	973.87	bureau U. S. admin.	353.3
Incompetency suffrage	324.171	corn agriculture	633
Incomplete		depredations Am. revol.	973.3344
coalescence deform.	617.32	<sup>4</sup> East, languages	491.1
development " "	617.31	modern languages	491.4
Incrustation		legends	398.2
architectural decoration	729.6	missions	266
steam boilers	621.1944	mortality pub. helth	614.144
Incubation, artificial	636.5	mutiny Sepoy rebellion	954
Incunabula book rarities	093		

Indian			Individuals and the state	172.1
ocean	physical geog.	551.467	bibliography	012
	travels	910.4	<b>Indo-</b>	
	philosophers	181.4	European languages, minor	491
	religions	299.7	Germanic " "	491
<sup>1</sup> territory, U. S.	history	976.6	<b>Indoor amusements</b>	793
Indian wars in U. S.			servis dom. econ.	647.25
eastern		973.24	Indorsement law	347.4
French and indian		973.26	<sup>1</sup> Indre, France hist.	944.55
Harmar's expedition		973.42	<sup>1</sup> et Loire, France "	944.54
King Philip's		973.24	Induced draft steam eng.	621.18384
William's		973.25	<b>Induction</b>	
Modoc		973.82	balance electricity	537.24
Pequot		973.22	coil physics	537.51
Queen Anne's		973.25	coils elec. engin'g	621.3147
St Clair's expedition		973.42	telephone	621.3864
Seminole, first, 1818		973.541	generators elec. eng.	621.31363
2d, 1835-42		973.571	logic	160
Indiana, U. S.			magnetism	538.2
admission U. S. history		973.51	motors elec. engin'g	621.31364
<sup>1</sup> history		977.2	of labor obstetric oper.	618.88
	For military history see		potential regulators	621.31452
	973.52472, 973.7472 and		reasoning faculty	153.6
	973.89472		spark electricity	537.52
travel		917.72	telegrafy elec. eng.	621.38294
<sup>1</sup> Indiana co. Pa. hist.		974.889	<b>Inductiv logic</b>	161
<sup>1</sup> Indianapolis, Ind. "		977.252	sciences	500
<b>Indians, American</b>		970.1	<b>Indulgencies Roman ch.</b>	282
biografy		970.2	doct.	230.2
British allies Am. revol.		973.343	<b>Industrial</b>	
U.S.war 1812		973.5242	arbitration	331.1
education of		371.975	arts	600
ethnology		572.897	classes political econ.	331
language		497	depressions " "	338.8
literature		897	diseases, see Occupations	
Y. M. C. A.		267.366	drawing	744
<b>Indic languages</b>		491.1	<b>economy</b>	330
<b>Indicators</b>			<b>education</b>	371.42
library economy		025.6	exhibitions	606
steam power plants		621.1977	history	609
Indictments criminal law		343.1	insurance	368
<b>Indies, East, Dutch hist.</b>		991	legislation political econ.	338.9
travel		919.1	museums	606
Indifference lib. staff rules		023.96	nuisances law	347.5
Indigestion medicin		616.33	public helth	614.7
Indigo chem. tech.		667.2	<b>sanitation</b>	628.5
Indirect heating chem.		542.46	<b>schools</b>	607
voting suffrage		324.249	<b>statistics political econ.</b>	331
Indium chemistry		546.67	workers of the world	331.88
Individual			<b>Industries chemic tech.</b>	660
legislators restrictions		328.343	primitiv	571
rights pol. sci		323.4	useful arts	600
soul, origin of		129	<b>Industry ethics</b>	179.9
Individualism pol. econ.		330.1	Inebriate asylums archit.	725.65
" sci.		323.4		

Inebriate asylums ethics	178.6	<sup>3</sup> Infinitev other languages	
Inebriates temperance	178.6	Infirm. care of dom. econ.	649.8
Inebriety diseases	616.861	Infirmaries architecture	725.51
Inequality, diurnal, of tides	525.63	hospitals	362.1
Infallibility		school bldgs	371.625
divine	231.6	Inflammation physiology	612.556
of the church	262.8	surgery	617.22
papal eccles. polity	262.13	Inflammatory affec. of skin	616.51
Roman doctrin	230.2	Inflation	
Roman church	282	apparatus aeronautics	629.161
schism Old catholics	284.8	paper money	332.5
<b>Infancy, psychology of</b>	<b>136.72</b>	<sup>3</sup> Infection English philol.	425.1
Infant		Influence	
baptism	265.1	civil servis reform	351.6
education elemen. educ.	372	educational, of physical	
mortality public helth	614.132	training	371.731
ration physiology	612.3942	of college education	378.01
salvation	234	on women	376.64
therapeutics	615.54	kindergarten	372.22
Infanticide		personal, of teachers	371.102
customs	392.2	sectarian pub. schools	377.1
ethics	173.4	Influenza diseases	616.203
law	343	Infraorbital nerv anat.	611.831542
Infantil paralysis diseases	616.83	Infraspinatus muscle "	611.73713
pub. helth	614.54	Infundibula "	611.639
Infantilism pediatrics	618.9	Infundibulum anat.of brain	611.8143
Infantry army	356	Infusoria zoology	593.15
Infants		Infusorial earth econ.geol.	553.69
care of	618.6	petrography	552.57
discases of	618.9	Ingemann, B. S. Dan.poet.	839.8162
food for hygiene	613.22	Ingenuity inventions	608
nursery	649.3	Ingersoll, C: J. Am.drama	812.24
stillbirth obstetrics	618.39	<sup>1</sup> Ingham co. Mich. history	977.426
vital statistics	614.131	Ingram's rebellion Va. hist.	975.5
Infections		Inguinal glands anat.	611.4681
etiology	616.01	Inhalation	
function of spleen	612.416	adminis. of medicin by	615.64
protection agst san. eng.	628.513	of dust hyg. of employ.	613.63
public helth	614.4	gases " " "	613.62
Infectious diseases		Inheritance law	347.6
of domestic animals	614.91	of soul metaph.	129.2
pathology	616.91	tax	336.27
public helth	614.4	see also Heredity	
special	614.5	Inherited	
<b>Infernal machines manuf.</b>	<b>662.2</b>	disease hygiene	613.93
Inferno lib. economy	024.674	mental disability "	613.92
Infidelity natural theol.	211	traits	136.3
Infiltration		Inhibition	
of water mining eng.	622.51	nervous system	612.8011
Infinit metaphysics	125	physiologic psychology	612.82134
Infinitesimal calculus	517.1	Initials bibliografy	014
Infinitiv English syntax	425.8	decoration	745
Greek "	485.8	Initiativ democracy	321.4
Latin "	475.8	pol. sci.	328.261

Injection pumps hyd. mach.	621.267	Inoculation	
Injections		protectiv	cont. dis. 614.47
collectors manuals	579.3	Inorganic	
hypodermic	615.63	and organic matter, differ.	577.1
intra-uterin obstetrics	618.89	chemistry	546
medicin	615.6	drugs materia medica	615.2
physiology	612.11812	liquids physical chem.	541.326
Injectors steam engin'g	621.1973	substances, analysis of	543.7
Injured, aid to, protec. of life	614.88	Inquests, coroners	
Injuries		Inquiries	
effects of diseases	616.98	parliamentary legislation	328.372
results of surgery	617.2	Inquisition persecut. by	272.2
surgery	617.1	Span. hist.	946.04
to library books rules	024.8	Insane	
shelf dept	025.8	asylums architecture	725.52
torts	347.5	criminal law	340.6
Injurious		hospitals	362.2
animals agriculture	632	lives of	920.8
zoology	591.65	Insanity law	347.1
insects agriculture	632	mind and body	132.1
occupations hygiene	613.6	nervous diseases	616.8
plants botany	581.65	Inscriptions, comparativ	417
Ink, colord, for books	655.26	Eng. language	421.7
manufacture	667.4	Insect powders	648.7
Inland		Insecta parasitica	
navigation engineering	626	ectozoa	616.9681
transportation	656	entozoic diseases	616.967
quarantine pub. helth	614.462	Insecticides agriculture	632
seas physical geograpy	551.48	Insectifuges dom. econ.	648.7
tides on	525.66	Insectivora mammals	599.3
Inlay architect. decor.	729.63	Insects	
art furniture	749	fertilization of plants	581.16
Inlets sewerage	628.255	injurious agriculture	632
Innate ideas	156	library econ.	025.8
Innervation		zoology	591.65
center of physiology	612.834	metamorphosis embryol.	591.34
of hart	612.178	variation	591.151
iris	612.81931	paleontology	565.7
large intestin	612.368	zoology	595.7
liver	612.358	Insessores birds	598.8
lungs	612.28	Insignia, college	378.27-.29
lymphat. syst.	612.425	heraldry	929.6
uterus	612.6278	military	355.13
vesical appar.	612.4673	Insolvency law	347.7
theories	612.801	Insomnia disease	616.84
Innominate artery anat.	611.1325	hygiene	613.86
veins	611.145	Inspection of	
Innominatum, os	611.7181	bildings	614.85
Inns		elections suffrage	324.26
architecture	728.5	explosivs, etc.	614.83
domestic economy	640	fertilizers	631.818
of court English law	340.7	food, etc. pub. helth	614.3
Inoculation		ordnance stores	623.4821
against small-pox	614.471	Inspiration Bible	220.1

<b>Installation of ministers</b>	<b>262.16</b>	<b>Instruments</b>	
sermons	252.6	steam power plant	621.1977
<b>Instantaneous boilers</b>	<b>621.18427</b>	surgical	617.91
<b>Instinct</b>	<b>612.821313</b>	surveying	526.91
comp. physiol.	612.8213	telephone communication	354.6
physiol. psych.	158	elec. engin'g	621.386
psychology	591.51	telegraf communication	654.1
zoology	158	elec. eng.	621.383
<b>Instinctiv knowledge</b>	<b>158</b>	<b>wireless telefone</b>	<b>621.3846</b>
<b>Institute of France</b>	<b>064</b>	<b>telegraf</b>	<b>621.3843</b>
<b>Institutes</b>		for other purposes see subject	
library training	020.715	<b>Insula</b>	<b>anatomy 611.81319</b>
Roman law	349.374	<b>Insular</b>	
self education	374.9	faunas	zoology 591.91
<b>teachers</b>	<b>370.72</b>	floras	botany 581.91
workingmen's architect.	725.93	<b>Greece</b>	<b>history, ancient 939.1</b>
<b>Institutions</b>		<b>modern</b>	<b>949.9</b>
<b>Christian</b>	<b>260</b>	<b>Insulated conductors</b>	<b>621.31933</b>
<b>educational</b>	<b>370</b>	<b>Insulating materials</b>	
feudal	321.3	bilding	691.9
housekeeping	647.96	elec. engineering	621.31937
monarchic	321.6	steam transmission	621.1856
musical	780.7	<b>Insulators</b>	
of credit	pol. economy 332.31	electric engineering	621.3194
state control	351.825	lighting	621.3285
patriarchal	321.1	<b>Insurance</b>	<b>368</b>
republican	321.8	agricultural	368.5
<b>sociology</b>	<b>360</b>	bildings architecture	725.23
<b>Instruction</b>		<b>companies</b>	<b>368</b>
<b>education</b>	<b>370</b>	compulsory pol. econ.	331.25
<b>methods</b>	<b>371.3</b>	<b>industrial</b>	<b>368</b>
organ	786.7	<b>law</b>	<b>368</b>
piano	786.3	liability	368.4
public worship	264.6	library	022.27
rooms lib. bildings	022.65	societies, cooperativ	334.3
<b>Instructions</b>		state control	351.825
legislativ restrictions	328.249	teachers	371.17
<b>Instrumental</b>		<b>Insurgente, L,ship U.S.hist.</b>	<b>973.45</b>
errors prac. astron.	522.98	<b>Insurrections</b>	
<b>music</b>	<b>780</b>	internal relations	323.2
pub. worship	264.2	<b>Intaglios</b>	<b>sculpture 736</b>
<b>Instrumentation music</b>	<b>781.6</b>	<b>Intarsia</b>	<b>arch. decoration 729.63</b>
<b>Instruments</b>		<b>Integral calculus</b>	<b>517.3</b>
<b>astronomic</b>	<b>522</b>	<b>Integrity</b>	<b>business ethics 174</b>
chronologic	529.78	<b>Integument</b>	comp. anat. 591.49
drawing	744	descrip. "	591.79
<b>engineering</b>	<b>620.7</b>	<b>Integumentary system</b>	
engraving	760	<b>anatomy</b>	<b>611.7</b>
geodetic field work	526.33	surgery	617.47
making	681	<b>Intellect</b>	<b>151</b>
mathematical	510.8	<b>Intellectual</b>	
<b>musical</b>	<b>780</b>	'development' education	370.1.
optic	535.87	history	809
<b>ordnance</b>	<b>623.462</b>	influence of church	261.5
physical	530.8		

Intellectual			<sup>5</sup> Interjections Gk syntax	485.9
development			<b>Interlibrary loans</b>	024.68
relation of church	377.8		<b>Interlude Eng. drama</b>	822
<b>functions</b> physiol. psych.	612.821		Interludes organ music	786.84
physiology	612.8258		<b>Intermarriages</b>	
life self education	374		of families  hygiene	613.94
philosophy	150		races  ethics	173.1
property, <i>see</i> Copyright; Patents			<b>Intermediate</b>	
Intelligence			<b>education, private</b>	373
action of poisons on	612.8214		<b>public</b>	379.17
mental science	151		school admission standards	371.211
of animals	591.51		<b>state theology</b>	236.4
ofis domestic econ.	647.2		<b>Interment</b> customs	393.1
physiologic psychology	612.8213		<b>public health</b>	614.61
<b>Intemperance</b> ethics	178		Intermetacarpal joints	611.7277
hygiene	613.8		Intermetatarsal joints	611.7287
Intensity meters  elec. eng.	621.3744		<b>Intermittent fever</b>	
<b>Interbrain</b> anatomy	611.814		pathology	616.936
<b>Intercalatum</b> "	611.81541		public health	614.531
<b>Intercarpal articulation</b> "	611.7275		Intermolecular forces, phys.	539.6
Intercepting sewers	628.28		<b>Internal</b>	
Interchondral joints  anat.	611.723		<b>affairs</b> <b>administration</b>	351.73
Intercollegiate			capsule  anat.	611.8137
contests, athletic	371.75		<b>combustion engines</b>	621.43
literary	371.535		ear  anat.	611.851
Intercolumnar fascia  anat.	611.639		diseases of	617.88
Intercommunicating			physiology	612.858
systems  telephony	621.3853		heat  geology	551.12
Intercommunication			<b>improvements</b>	620
<b>sociology</b>	380		<b>plastering</b> <b>masonry</b>	693.6
<b>useful arts</b>	650		<b>relations</b> <b>polit. science</b>	323
Intercostal			revenue laws  finance	336.27
arteries  anatomy	611.1354		windows  arch. const.	721.85
glands  "	611.4643		<b>International</b>	
muscles  "	611.7356		arbitration	341.6
nervs  "	611.8342		association, the	335.4
Intercuneiform joints  anat.	611.72858		coinage	332.43
Interdicts  excommunica.	262.9		congresses	341.1
labor strikes	331.894		on special topics <i>see</i> subject	
Interest			copyright  private law	341.5
and usury  law	347.7		publishing	655.63
calculation of arithmet.	511.8		ethics	172.4
physiologic psychology	612.8212		exchange  money	332.45
political economy	332.8		exchanges  lib. econ.	021.852
securities  finance	336.31		exhibitions	606
tables  business manuals	658		<b>law</b>	341
Interests			library loans	024.681
electoral representation	324.22		meetings	020.681
Interference  optics	535.4		relations  pol. science	327
Interior			standard  money	332.43
decoration	747		<b>Internationalism</b>	
department  U. S. adm.	353.3		international law	341.1
of earth  geology	551.11		political sci.	321.041
walls, incrusted  architec.	729.62		Interoceanic canals  eng.	626.9

Interoceanic canals	sociol.	386	Intramural interment	614.613
Interolivary stratum	anat.	611.8184	Intransigentes	Span. hist. 946.08
Interosseous			<b>Intraocular pressure</b>	<b>physiol. 612.8426</b>
artery, dorsal	"	611.13794	Intrapleural	" " 612.212
muscles of foot	"	611.7387	Intra-uterin injections	618.89
hand	"	611.73779	Intrenchments	mil. eng. 623.15
Interpolation			Intubation	
methods	calculus	517.6	of larynx	surgery 617.42
spheric astronomy		522.75	Intuition	ethics 171.2
Interpretation			Intuitionalism	phil. syst. 143
of law	legislation	328.21	Intuitiv faculty	156
<sup>3</sup> Interrogativus	Lat. syntax	475.9	philosophy	143
Interschool			Inundations	
contests, athletic		371.75	meteorology	551.48
literary		371.535	protection	engineering 627.4
Intersecting			Inusitum	nutrition 612.39619
lines	plane geometry	513.12	Invalids	
planes	solid geometry	513.32	care of	dom. econ. 649.8
surfaces	descrip. "	515.18	cookery for	" " 641.563
Interspinales muscles	anat.	611.73171	diet	hygiene 613.23
Interstate commerce			medicine	616
commission		385	Invariants	algebra 512.88
law	sociology	385	Invasion	internat. law 341.3
U. S. hist.		973.85	<b>Invention of printing</b>	<b>655.11</b>
Intersternal joints	anat.	611.723	rhetoric	808.5
<b>Intertarsal ligaments</b>	"	<b>611.7285</b>	Inventions	bilding 690.8
Intertransversarii mus.	"	611.73176	patents	668
Intertubular cell masses			<b>Inventors</b>	<b>biografy 926</b>
pancreas		611.377	Inventory, closing lib. for	024.45
Interurban trolley roads		621.33133	<sup>1</sup> Inverness, Scot.	history 941.21
Intervention	internat. law	341.6	co. N. S.	" 971.691
Intervertebral joints	anat.	611.7213	Inverse probabilities	519.11
Intestinal action of bile		612.3572	Inversion of uterus in labor	618.57
Intestins			<b>Invertebrates</b>	<b>paleontol. 562</b>
anatomy		611.34	zoology	592
comparativ anatomy		591.43	Investigation	
pathology		616.34	legislativ disciplin	328.366
physiology		612.33	Investigations	administra. 351.98
surgery		617.43	<b>Investiture</b>	<b>eccles. polity 262.16</b>
sympathetic system		612.898	Investitures, war of 1074-84	270.4
Intimidation			<b>Investments</b>	<b>332</b>
electoral corruption		324.271	Invincible armada, Span. hist.	946.04
labor strikes		331.891	Invocation of saints & angels	264.1
Intolerance			Invoices	accounts 657
religious	ethics	172.3	Involution	algebra 512.7
persecutions		272	arithmetic	511.7
Intonation	music	781.2	mod. geom.	513.53
Intoxicants, <i>see</i> Alcohol;			Inward flow turbins	621.244
Liquors; Stimulants			<sup>1</sup> Inyo co. Cal.	hist. 979.487
Intoxicating drinks, traf. in		178.4	Iodids	mineralogy 549.4
Intoxication	alcoholism	616.861	Iodin	chemistry 546.15
ethics		178.1	compounds, min.	549.4
Intoxications			<sup>1</sup> Iona co. Mich.	history 977.454
effect on respiration		612.226	Ionia	history, ancient 939.23

<sup>1</sup> Ionia history, modern	956.2	Irish	
Ionic Greek dialects	487.923	<sup>4</sup> language	491.62
order of architecture	729.32	music	784.4
philosophy	182.1	politics	329.9415
Ions chemistry	541.2	Romanesque architect.	723.41
physiology	612.0144624	Iron	
<sup>1</sup> Iosco co. Mich. history	977.474	age prehist. arch.	571.4
Iowa, U. S.		architecture	721.9
admission U. S. hist.	973.61	assimilation physiology	612.3924
<sup>1</sup> history	977.7	bearing waters geol.	553.73
For military history see		bilding material	691.7
973.52477, 973.7477 and		bridges, archt	624.67
973.89477		engineering	624
<sup>1</sup> co. Ia. history	977.765	chemistry	546.72
<sup>1</sup> Wis. "	977.578	clads naval architect.	623.9
Ipecac emetics	615.731	columns architecture	721.35
Iranian languages	491.5	<sup>1</sup> co. Mich. history	977.497
Ireland		<sup>1</sup> Mo. "	977.888
administration	354.41	<sup>1</sup> Wis. "	977.522
antiquities	913.415	manufacture	672
architecture	720.9415	mask, man in biog.	920.8
botany	581.9415	materia medica	615.272
colleges	378.415	metallurgy	669.1
constitutional law	342.41	mineralogy	549
education	370.9415	mining	622.34
finance	336.415	ores econ. geology	553.3
geology	554.15	piers architect.	721.35
<sup>1</sup> history	941.5	pipes waterworks	628.16
laws	349.41	roofs bilding	695.5
maps	912.415	ships	623.84
religious history	274.15	strength of materials	620.17
schools, public	379.415	structures architect.	721.9
statistics	314.15	sulfate of fertilizers	631.825
travel	914.15	water pipes sani. eng.	628.15
zoology	591.9415	work manufactures	672
other topics see table 1		ornamental	739
Ireland forgeries		wrought arch. construc.	721.92
Shakspeareana	822.33	Ironing laundry process	648.4
Irizeæ botany	584.24	<sup>1</sup> Ironton, O. history	977.1881
Iridium chemistry	546.93	Irony rhetoric	808
Iris		<sup>1</sup> Iroquois co. Ill. history	977.364
anatomy	611.8421	indians	970.3
eye diseases	617.72	Irradiation of eye physiol.	612.8432
motoroculi nerv physiol.	612.81931	Irregularities crystallog.	548.4
physiology	612.842	Irrigation	
sympathetic system	612.896	agriculture	631
Irish		canal engineering	626.8
bards lives	928.9162	sewage	628.36
bulls Eng. humor	827	Irritability	
church, Anglican	283.415	cardiac physiol.	612.172
Roman catholic	282.415	in plants botany	581.18
discovery of America	973.11	muscular physiol.	612.7416
home rule history	941.58	of cells	612.01431
polit. parties	329.942	nervs	612.816
land question pol. econ.	333		



<b>Irritant poisons therapeu.</b>	<b>615.91</b>	<b>Italian</b>	
Irritants, external	" 615.771	republics history	945.04
Irritation, spinal diseases	616.844	Romanesque architect.	723.45
Irrving, Washington lit.	817.24	school of Gk filosofy	182.2
Irvingism Cath. apostolic	289.5	sculpture, medieval	734
Isaac I Byzantine history	949.503	modern	735
Isabella of Castile Span.hist.	946.07	Italic languages, minor	479
2 " "	" 946.07	<b>Italy</b>	
<sup>1</sup> Isabella co. Mich.	" 977.451	administration	354.45
Isaeus Greek oratory	885.3	antiquities	913.45
Isaiah Bible	224.1	architecture	720.945
Ischium anatomy	611.71812	botany	581.945
<sup>1</sup> Isère, France hist.	944.99	colleges	378.45
<sup>1</sup> Ishpeming, Mich.	" 977.496	constitutional law	342.45
Isla, J. F. de Span. satire	867.42	education	370.945
Islam Mahometanism	297	finance	336.45
Island		geology	554.5
nr 10, Ky. U.S. civ. war	973.752	heraldry	929.6
of Reil anatomy	611.81319	history, ancient	937
Islands, <i>see</i> Ilands		<sup>1</sup> modern	945
<sup>1</sup> Isle de France history	944.34	laws	349.45
1 of Man, Eng.	" 942.89	maps	912.45
<sup>1</sup> Wight "	" 942.28	peerage	929.75
<sup>1</sup> Royale co. Mich. "	" 977.499	reformation in	274.5
<sup>1</sup> Isles of Shoals "	" 974.2	religious history	274.5
travels	917.42	schools, public	379.45
Isocrates Gk oratory	885.4	statistics	314.5
Isoetæ botany	587.1	titles of honor	929.75
Isogonic lines	538.7	travel	914.5
Isografy	652	treaties	341.245
Isolation in contag. disease	614.45	zoology	591.945
Isomerism chemistry	541.7	other topics <i>see</i> table 1	
Isometric projections geom.	515.2	Itch parasitic diseases	616.9685
Isomorphism crystallog.	548.3	Ithaca, Greece anc. hist.	938.3
Isothermal lines physiog.	551.52	Itinerant cookery	641.577
Isotony		Iturbide I Mexican history	972.04
of corpuscles physiol.	612.11117	Ivan 3 Russian "	947.04
Israelites history, ancient	933	4 " "	947.04
modern	296	5 " "	947.04
Issues therapeutics	615.812	Ivory carving	736
Isthmian games Gk antiq.	913.38	painting	751
Istria history, ancient	937.3	supply	679
<sup>1</sup> modern	943.68	Ivy landscape gardening	716.1
Itacolumite lithology	552.45	Ixididæ arachnida	595.4
Italian			
art galleries	708.5		
discovery of America	973.11		
grand opera	782.5		
<sup>4</sup> language	450		
<sup>5</sup> literature	850		
painting	759.5		
philosofers biograpy	921.5		
philosofy	195		
republics aristocracies	321.5		

Jacketed bullets sm. arms	623.45532	Jansenism heresy	273.7
guns ordnance	623.42162	Japan	
Jacketing ordnance	623.4234	<b>administration</b>	<b>354.52</b>
steam engin'g	621.1011	botany	581.952
Jackets clothing	646.45	chemic technology	667.8
Jacks, lifting mech. eng.	621.869	finance	336.52
Jackson, Andrew presidency	973.56	geology	555.2
<sup>1</sup> Jackson city Mich. history	977.428	<sup>1</sup> history	952
<sup>1</sup> co. Ill. "	977.3994	maps	912.52
<sup>1</sup> Ind. "	977.223	schools	379.52
<sup>1</sup> Ia. "	977.764	statistics	315.2
<sup>1</sup> Mich. "	977.428	travel	915.2
<sup>1</sup> Mo. "	977.841	treaties	341.252
<sup>1</sup> O. "	977.185	Japanese	
<sup>1</sup> W. Va. "	975.431	architecture	722.1
<sup>1</sup> Wis. "	977.551	art	709.52
<sup>1</sup> Jacksonville, Ill. "	977.346	color prints	761
Jacobins French "	944.04	language	495
monastic orders	271.2	servants dom. econ.	647.24
political clubs	363	Japanning varnishing	698.3
Jacobite church	281.5	Jars electric engineering	621.3521
Jacobites Eng. pol. party	329.942	Jasher, book of	229
Jacotot's system of educ.	371.45	Jasmin, J. Provençal poet.	849.143
Jacquerie French history	944.025	<sup>1</sup> Jasper co. Ill. history	977.374
<sup>1</sup> Jacques Cartier co. Que. hist.	971.4285	<sup>1</sup> Ind. "	977.297
Jade mineralogy	549.61	<sup>1</sup> Ia. "	977.759
Jail fever pathology	616.922	<sup>1</sup> Mo. "	977.872
pub. helth	614.526	Jaundis diseases	616.36
Jails architecture	725.62	physiology	612.35765
prisons	365	Java	
Jaina architecture	722.4	<sup>1</sup> iland history	992.2
Jainas Hindu sect	294	travel	919.22
<sup>1</sup> Jalisco, Mexico history	972.3	ship U.S.war of 1812	973.5251
<sup>1</sup> Jamaica "	972.92	Jaw bone diseases	616.71
Jams arch. construc.	721.86	lower anat.	611.7164
James, St epistle	227.91	upper "	611.7161
<sup>1</sup> Eng. history	942.061	joint anatomy	611.724
<sup>2</sup> " "	942.067	diseases	616.72
<sup>1-5</sup> Scot. "	941.04	surgery	617.52
1 of Aragon		<sup>1</sup> Jay co. Ind. history	977.267
Catalan miscellany	849.9811	Jay's treaty U.S. hist.	973.43
Henry Am. fiction	813.46	Jealousy ethics	179.8
Jamestown, Va. U. S. hist.	973.21	Jean de Tuim Fr. fiction	843.22
<sup>1</sup> Va. "	975.5	Jeanne d'Arc " hist.	944.026
Jan i van Brabant		<sup>1</sup> Jeddo history	952
Dutch poetry	839.3113	travel	915.2
<sup>1</sup> Janesville, Wis. history	977.587	Jefferson, T: presidency of	973.46
Janin, J. G. Fr. essays	844.76	<sup>1</sup> Jefferson city, Mo. history	977.8551
Janitor library econ.	023.791	<sup>1</sup> co. Ill. "	977.3793
servis dom. econ.	647.25	<sup>1</sup> Ind. "	977.213
lib. econ.	023.79	<sup>1</sup> Ia. "	977.794
Janitor's		<sup>1</sup> Mo. "	977.867
apartment lib. bldgs	022.695	<sup>1</sup> N. Y. "	974.757
department admin.	025.9		

<sup>1</sup> Jefferson co. O. history	977.169	Jews	
<sup>1</sup> Pa. "	974.862	ethnology	572.933
<sup>1</sup> W. Va. "	975.499	history, ancient	933
<sup>1</sup> Wis. "	977.585	" modern	296
<sup>1</sup> Jeffersonville, Ind. history	977.218	restoration of	296
Jeffrey, F. Eng. essays	824.73	Jigging mining engin'g	622.75
<b>Jehovah doctrinal theol.</b>	231	<sup>1</sup> Jo Daviess co. Ill. hist.	977.334
Jejunum anatomy	611.343	Joan of Arc Fr. history	944.026
Jelly fish zoology	593.8	Job Bible	223.1
Jelousy ethics	179.8	Job work	
<sup>1</sup> Jennings co. Ind. history	977.217	economics	331.231
Jeremiah Bible	224.2	printing	655.26
Jeremy, epistle of Bible	229.5	Jockeys horse racing	798
Jerrold, D. Eng. humor	827.81	Jodelle, Etienne Fr. drama	842.34
<sup>1</sup> Jersey City, N. J. history	974.927	Joel Bible	224.7
<sup>1</sup> co. Ill. "	977.385	Johansson, L. Swed. poet.	839.7132
<sup>1</sup> iland of "	942.34	John, King Eng. history	942.033
travels	914.234	St epistle 1	227.94
prison ship	973.3711	" 2	227.95
Jerseys, Washington in the	973.3325	" 3	227.96
Jerusalem		gospel of	226.5
city history ancient	933	knights of	929.711
<sup>1</sup> " modern	956.9	Revelation of	228
travels	915.69	John 1 French history	944.024
St John of knights	929.711	2 " "	944.025
Jesters customs	394.2	Johnson, A. presidency of	973.81
<sup>5</sup> Jests Eng. literature	827	S: Eng. essays	824.63
Jesuit missions	266.2	<sup>1</sup> Johnson co. Ill. history	977.3996
Jesuits religious orders	271.5	<sup>1</sup> Ind. "	977.251
<b>Jesus</b>		<sup>1</sup> Ia. "	977.7655
Christology	232	<sup>1</sup> Mo. "	977.8455
society of relig. order	271.5	<b>Joinery carpentry</b>	694.6
Jet economic geology	553.22	shipbilding	623.84
pumps prac. chem.	542.9	Joint	
Jets, steam engin'g	621.69	committees, legislativ	328.3627
Jettatura witchcraft	133.4	resolutions legis. proced.	328.377
Jetties engineering	627.6	stock companies law	347.7
Jewelry		Joints	
customs	391.7	<b>anatomy</b>	611.72
manufacture	671	calkt plumbing	696.6
toilet	646.48	diseases of medicin	616.72
Jewish		geology	551.84
architecture	722.3	injuries to surgery	617.47
calendar	529.3	mechanic engineering	621.88
cookery	641.567	of wood work carpentry	694.2
discovery of America	973.11	<b>physiology</b>	612.75
<sup>4</sup> language	492.4	rail engineering	625.15
<sup>5</sup> literature	892.4	riveted engineering	620.11287
philosofy	181.3	plumbing	696.4
religion	296	rust "	696.6
Jews		screw "	696.5
apologetics against	239.2	steam pipe	621.1857
biografy	922.96		
disabilities of	296		

Joists			Jugular		
toggle machinery	621.825		ganglion	anat.	611.89191
universal "	621.825		glands	"	611.4637
<sup>5</sup> Jokes English humor	827		vein, external	"	611.1452
<sup>1</sup> Joliet, Ill. history	977.325		internal	"	611.1451
<sup>1</sup> Joliette co. Que. history	971.442		veins, posterior	"	611.1453
Jolin, J. K. Swed. drama	839.7264		Jugurthan war	Rom. hist.	937.05
Jonah Bible	224.92		<b>Juice, intestinal</b>	<b>physiol.</b>	<b>612.331</b>
<sup>1</sup> Jones co. Ia. history	977.763		Julian calendar		529.4
travel	917.7763		Jumping	athletics	613.72
shorthand	653.43		Juncaceæ	botany	584.45
Jongleurs French poetry	841.09		Junctions		
Jonson, B. English dram.	822.34		railroad engineering		625.1
<sup>1</sup> Joplin co. Mo. history	977.8721		sewers		628.251
Jordan river antiquities	913.33		<sup>1</sup> Juneau co. Wis. history		977.555
travels	915.69		<sup>1</sup> Juniata co. Pa. "		974.847
Joseph <sup>1</sup> German history	943.051		Junius letters	Eng. satire	827.64
<sup>2</sup> "	943.057		Jupiter astronomy		523.45
Joshua Bible	222.2		mythology		292
Joubert, Joseph Fr. essays	844.62		<sup>1</sup> Jura, France history		944.47
<b>Journalism</b>	<b>070</b>		Jurassic age	geology	551.76
Journalists, lives of	920.5		Juridic		
Journals mill work	621.821		powers legislation		328.251
Journeys round the world	910.4		theory of state		320.151
Jovellanos, G.M. de Span. lit.	868.42		Jurisdiction	civil trials	347.98
Jubilee singers, Fisk univ.	784.7		suffrage		324.243
Jubilees, military	355.16		<b>Jurisprudence</b>		<b>340</b>
Judaism	296		medical		340.6
vs christianity	239.21		Jurists, <i>see</i> Lawyers		
Judd, Sylvester Am. fic.	813.34		Jury trial	law	340.4
Jude epistle, Bible	227.97		Justice, <i>see</i> Justis		
Judea ancient history	933		Justification	doct. theol.	234.7
<sup>1</sup> modern "	956.9		Justis ethics		179.9
Judges, book of Bible	222.3		pol. sci.		323.42
law courts	347.97		Justises of the peace	law	347.06
lives	<b>923.4</b>		Jute agriculture		633
Judgment			dom. econ.		646.186
mental faculties	153.5		manufactures		677
private ecclesias. polity	262.8		Juvenal	Latin satire	877.7
theology	236.9		Juvenil		
Judicial			books	reading and aids	028.5
chemistry	law	340.6	<i>see also</i> subject		
combat	"	340.3	courts		364
control <b>administration</b>	<b>351.94</b>		criminals	law	343
corps univ. admin.	378.113		literature		028.5
ordeal	law	340.3	mortality	pub. helth	614.133
Judiciary			<b>reformatories</b>		<b>364</b>
department	U. S. gov't	353.5	Juxta-aortic glands		611.46521
electiv	law	347.97			
Judith Bible		229.2			
Juggernaut		299.14			
Jugglery		791			
Juglandeæ	botany	583.973			

- Kabala Jewish philosophy 181.3  
<sup>1</sup>Kaffraria, Africa history 968.6  
<sup>1</sup>Kafir " " 968.6  
 Kairin therapeutics 615.75  
 Kaiser German gov't 354.4305  
<sup>1</sup>Kalamazoo city, Mich. his. 977.418  
<sup>1</sup> " co. " " 977.417  
 Kaleidoscope optics 535.86  
**Kalendar** 529  
<sup>1</sup>Kalkaska co. Mich. " 977.465  
 Kalmucks description 915  
                   history 950  
 Kalsomining 698.2  
<sup>1</sup>Kamchatka history 957  
 Kames, H: H. Eng. essays 824.62  
<sup>1</sup>Kamouraska co. Que. hist. 971.475  
 Kanawha  
<sup>1</sup> co. W. Va. history 975.457  
<sup>1</sup> valley, W. Va. " 975.43  
<sup>1</sup> Little, W. Va. " 975.42  
<sup>1</sup>Kane co. Ill. history 977.323  
 Kangaroo zoology 599.2  
<sup>1</sup>Kankakee co. Ill. history 977.363  
 Kansas, U. S.  
   admission U. S. hist. 973.68  
<sup>1</sup> history 978.1  
     For military history, see sub-  
     divisions of Special campaigns  
     and Military history under  
     973.7 and 973.89  
   struggle in U. S. hist. 973.66  
<sup>1</sup>Kansas city, Mo. history 977.8411  
 Kansas-Nebraska bill " 973.66  
 Kant critical philosophy 142  
     German " 193.2  
 Karlsefne, T. discov. of Am. 973.13  
<sup>1</sup>Karpoot, Asia Turk. hist. 956.6  
<sup>1</sup>Kartum, Egypt history 962.6  
<sup>1</sup>Kashmir, India history 954.6  
 Kaspar von der Röhn 831.35  
<sup>1</sup>Kastamuni, Asia Tur. hist. 956.3  
 Kate, J. J. L. ten Dut. poet. 839.3156  
 Kearny in New Mexico 973.6231  
 Kearsarge, ship U. S. hist. 973.754  
 Keats, John Eng. poetry 821.78  
 Keeley cure alcoholism 616.861  
 Keels shipbuilding 623.84  
<sup>1</sup>Keewatin, Canada history 971.26  
 Kellgren, J. H. Swed. poet. 839.7152  
 Kelsen, S. T. Danish " 839.8137  
 Keltic ancient history 936  
     languages 491.6  
 Kempis, Thomas à 242.1  
<sup>1</sup>Kendall co. Ill. history 977.326  
<sup>1</sup>Kennebec co. Me. " 974.16  
 Kennedy, J: P. Am. fic. 813.32  
<sup>1</sup>Kenosha city, Wis. hist. 977.599  
<sup>1</sup> " co. Wis. " 977.598  
<sup>1</sup>Kent co. Del. " 975.14  
                   trav 917.514  
<sup>1</sup> " England hist. 942.23  
<sup>1</sup> " Md. " 975.236  
<sup>1</sup> " Mich. " 977.455  
<sup>1</sup> " N. B. " 971.522  
<sup>1</sup> " Ont. " 971.333  
<sup>1</sup> " R. I. " 974.54  
 Kentucky, U. S.  
   admission U. S. hist. 973.41  
<sup>1</sup> history 976.9  
     For military history, see sub-  
     divisions of Special campaigns  
     and Military history under  
     973.52, 973.7 and 973.89  
   travel 917.69  
<sup>1</sup>Keokuk city, Ia. history 977.7991  
<sup>1</sup> " co. Ia. " 977.791  
 Kepler's problem astron. 521.37  
 Keramics art 738  
                   chemic tech. 666.3  
 Keratomalacia eye diseases 617.71  
<sup>1</sup>Kern co. Cal. history 979.488  
 Kerosene  
   chemic tech. 665.5  
   heating chem. 542.43  
   inspection prot. of life 614.834  
<sup>1</sup>Kerry, Ireland history 941.96  
 Ketones chemistry 547.6  
<sup>1</sup>Kewaunee co. Wis. hist. 977.562  
<sup>1</sup>Keweenaw co. Mich. " 977.499  
 Kexél, Olof Swed. drama 839.7253  
 Key bugle musical instru. 788.46  
 Keys  
   and locks manufac. 683  
   machine fastenings 621.883  
   mathemat. student hon. 371.81  
 Keyser, R. Danish essays 839.8463  
 Khalifs Mohammedanism 297  
 Khita ancient history 939.45  
<sup>1</sup>Khiva history 958.5  
                   travel 915.85  
 Khodavendigar Asia hist. 956.1  
<sup>1</sup>Khodavendikyar " " 956.1  
<sup>1</sup>Khokan, Turkestan " 958.7  
 Kidnapping crim. law 343  
 Kidneys  
   action of vagus on 612.819915  
   anatomy 611.61  
   diseases 616.61  
   physiology 612.46  
   surgery 617.46

<sup>1</sup> Kildare, Ireland history	941.85	Kite flying sports	796
<sup>1</sup> Kilkenny, " "	941.89	Kites aeronautics	629.171
<sup>1</sup> Killarney, " "	941.96	<sup>1</sup> Kiva, Turkestan history	958.5
travels	914.196	Kjæmpeviser Dan. poet.	839.8112
Kilos anatomy	611.81711	Kjérkegaard, S.A. " essays	839.8462
Kilpatrick's expedition	973.7362	Klausen, Peder " misc.	839.883
<sup>1</sup> Kincardine, Scot. history	941.26	Kleist, H; B.W; von	832.68
<b>Kindergarten education</b>	<b>372.2</b>	Kleptomania mental dis.	132.6
Kindness ethics	177.7	Klinger, F; M. Ger. dram.	832.64
Kinematics machinery	621.81	<sup>1</sup> Klondike region history	971.21
physics	531.1	Klopstock, F; G. Ger. poet.	831.62
Kinetic theory of gases	533.7	Knee anatomy	611.983
<b>Kinetics physics</b>	<b>531.3</b>	cap "	611.71845
Kinetograf fotografy	778	joint "	611.7283
Kinetoscope photog.	778	Kneipp cure therapeutics	615.853
King, William Eng. satire	827.47	Knife switches elec. eng.	621.31732
King George's war U.S. hist.	973.26	<b>Knighthage heraldry</b>	<b>929.7</b>
Philip's " " "	973.24	Knighthood	
N.E. " "	974	chivalry	394.7
William's " U.S. "	973.25	orders heraldry	929.7
Kingo, Thomas Dan. poet.	839.8134	Knights	
Kings		Hospitalers	929.711
absolute monarchy	321.6	of labor labor organiza.	331.88
bench	347.99	Malta	929.711
book of, Bible	222.5	Pythias secret soci.	366.2
constitutional monarchy	321.7	Rhodes	929.711
<sup>1</sup> co. Cal. history	979.485	St John	929.711
<sup>1</sup> Ireland " "	941.86	Templars	929.712
<sup>1</sup> New Brunswick " "	971.541	Knitting dom. econ.	646.26
<sup>1</sup> New York " "	974.722	machines textiles	677
<sup>1</sup> Nova Scotia " "	971.634	Knives cutlery	672
<sup>1</sup> P. E. I. " "	971.77	stone, chipt	571.15
daughters	267.433	polisht	571.25
divine right pol. sci.	321.6	Knorring, S. M. von	839.7361
evil diseases	616.996	Knowledge, theory of	121
lives	923.1	unity of	121
mountain Am. revol.	973.3364	Knowles, J. S. Eng. dram.	822.72
Kingship	321.6	Knownothing party	
Kingsley, C: Eng. fiction	823.85	U. S. history	973.66
<sup>1</sup> Kingston, Ont. history	971.372	politics	329.5
Kinkel, J; G. Ger. poetry	831.82	<sup>1</sup> Knox co. Ill. history	977.349
<sup>1</sup> Kinross, Scotland history	941.34	travels	917.7349
<b>Kinship customs</b>	<b>392</b>	<sup>1</sup> Ind. history	977.239
genealogy	929.1	<sup>1</sup> Me. "	974.15
Kipp gas apparatus chem.	542.72	<sup>1</sup> Mo. "	977.8315
<sup>1</sup> Kirkcudbright; Scot. hist.	941.49	<sup>1</sup> O. "	977.152
Kissing customs	392.3	Knoxville campaign	973.7358
Kitchen		Kodaks fotografy	771
domestic economy	643.3	Kola therapeutics	615.32318
gardening	635	<sup>1</sup> Kongo, Africa history	967.2
middens archeology	571.93	Basin "	967.5
Kitchens architecture	728.93	<sup>1</sup> travel	916.75
Kite flying meteorology	551.51	<sup>1</sup> Konieh, Asia Turk. hist.	956.4
mil. aeron.	623.746	Koomiss adulterations	614.324

Koomiss dairy products	637.1	<b>L. M. Z. formulæ geodesy</b>	<b>526.46</b>
Koonawur, Punjab trav.	915.45	Labels in museums	579.72
<sup>1</sup> Koordistan history	956.7	Labia majora anatomy	011.6732
travels	915.67	minora "	611.6733
Koran Mahometanism	297	Labiatae botany	583.891
<sup>1</sup> Kordofan, Egypt history	962.8	Labiche, E. M. Fr. drama	842.81
Körner, K; T. Ger. poetry	831.66	Labor	
<sup>1</sup> Kosciusko co. Ind. hist.	977.282	colony	331.8
Kosmos univ. language	408.9	dep't estab. U. S. hist.	973.85
<sup>1</sup> Kossuth co. Ia. hist.	977.721	induction of obstetrics	618.88
Kotzebue, A; F; F. von	832.66	laws	338.9
Koumiss adulterations	614.324	obstetrics	<b>618.4</b>
dairy products	637.1	of children	331.3
Krishna Buddhism	294	party polit. parties	329.85
<sup>4</sup> Kroatian language	<b>491.83</b>	pathology of obstetrics	<b>618.5</b>
Krypton inorganic chem.	546.294	political economy	<b>331</b>
Ku Klux Klan pol. ass'ns	363	savers, domestic	643.6
Kumiss adulterations	614.324	kitchen	643.34
dairy products	637.1	literary	029.2
Kunawar, Punjab trav.	915.45	state control	351.83
<sup>4</sup> Kurdish language	<b>491.57</b>	statistics polit. econ.	<b>331</b>
<sup>1</sup> Kurdistan history	956.7	unions " "	331.88
travels	915.67	Laboratories	
<sup>1</sup> Kurile ilands history	952	architecture	727.5
travels	915.2	biologic	590.7
Kyrie sacred music	783.22	chemic architect.	727.5
		prac. chem.	542.1
		physical architect.	727.4
		school bildings	371.623
		equipment	371.66
		state. adulterations.	614.3
		Laboratory	
		chemistry	542.1
		work methods of instruc.	371.38
		Laborers	
		cottages architecture	728.68
		domestic	647.3
		factory organization	621.705
		occupation hygiene	<b>613.6</b>
		political econ.	<b>331.8</b>
		Laboring	
		classes laws, see Laws	
		polit. econ.	<b>331.8</b>
		sociology	323.33
		Labrador	
		discovery of America	973.16
		<sup>1</sup> history	971.9
		Labyrinth	
		membranous anatomy	611.852
		osseous "	611.853
		Labyrinths prehist. arch.	571.95
		La Calprenède, G.de C.de	843.43
		Lacedaemon anc. history	938.9

Lacemaking art needlew	746	<sup>1</sup> Lake Champlain history	974.754
manufac.	677	travels	917.4754
Lacerated wounds surg.	617.143	<sup>1</sup> Lake co. Cal. history	979.417
Laceration of genital tract	618.55	<sup>1</sup> Ill. "	977.321
Lacertilia reptils	598.11	<sup>1</sup> Ind. "	977.299
Lachine rapids, Que. trav.	917.14285	<sup>1</sup> Mich. "	977.468
Lachrymal, <i>see</i> Lacrimal		<sup>1</sup> O. "	977.133
Lacistemaceæ botany	583.983	drainage	627.5
<sup>1</sup> Lackawanna co. Pa. hist.	974.836	dwellings archeol.	571.83
Lacker		<sup>1</sup> George, N. Y. hist.	974.751
work artistic furniture	749	<sup>1</sup> Megantic co. Que. "	971.469
manufactures	667.7	<sup>1</sup> of Bays dist. Ont. "	971.316
<sup>1</sup> Laclede co. Mo. history	977.8815	<sup>1</sup> St John co. Que. "	971.414
Laconia ancient history	938.9	<sup>1</sup> states, U. S. "	977
<sup>5</sup> Laconics Eng. literature	828	travel	917.7
Lacquer		For military history of all or individual states, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89	
work artistic furniture	749	surveys geodesy	526.99
manufactures	667.7	vessels shipbuilding	623.824
Lacrimal		Lakes	
apparatus anatomy	611.8464	artificial landsc. garden.	714
physiology	612.847	boundaries pol. sci.	320.1286
bone anatomy	611.7157	physical geografy	551.48
disorders eye diseases	617.76	water supply	628.11
secretions zoology	591.147	Lalli, G. Italian satire	857.53
<sup>1</sup> La Crosse city, Wis. hist.	977.572	Lamaism	294
<sup>1</sup> co. Wis. "	977.571	Lamartine, A. M. L. de P. de	841.74
travel	917.7571	Lamb, Charles Eng. essays	824.75
Lacrosse games	797	Lambertypes	773
Lactation		<sup>1</sup> Lambton co. Ont. history	971.327
diseases of obstetrics	618.71	Lamellae, bony histology	611.01843
physiology	612.664	Lamellibranchiata zoology	594.1
Lacteals anatomy	611.426	La Mennais, H. F. R. de	
Lactic fermentation physiol.	612.66417	French essays	844.71
Lactiferous ducts anat.	611.693	philosofy	194.6
Lactometer	614.32	Lamentations Bible	224.3
Lactose nutrition	612.39614	Lamiales botany	583.87
Lacunae, urethral anat.	611.6234	La Motte, A. H. de Fr. dram.	842.51
Ladders lib. econ.	022.941	Fouqué, F; H; C;	
Ladies		Ger. fiction	833.65
in library reading rooms	024.53	Lamp	
maids dom. econ.	647.25	black air pollution	614.747
of the Sacred Heart	271.93	holes sewerage	628.253
<sup>1</sup> Ladron islands history	996.7	posts vent. of sewers	628.232
Lafayette, M. comtesse de	843.48	shells zoology	594.8
<sup>1</sup> Lafayette, Ind. history	977.295	<sup>5</sup> Lampoons English satire	827
<sup>1</sup> co. Mo. "	977.845	Lampreys fishes	597.2
<sup>1</sup> Wis. "	977.579	Lamps	
La Fontaine, J. de Fr. poet	841.45	arc elec. lighting	621.325
Lagerbring, S. Swed. misc.	839.7844	bracket lib. bildings	022.765
<sup>1</sup> Lagrange co. Ind. hist.	977.279	chemic technology	665.6
La Harpe, J. F. de Fr. dram.	842.63	filament elec. lighting	621.326
essays	844.61		
<sup>1</sup> Lahore, India history	954.5		
Laissez faire pol. econ.	330.153		



Lamps		
incandescent vapor	621.3273	
library bildings	022.751	
<sup>1</sup> Lanark, Scotland hist.	941.43	
co. Ont. "	971.382	
<sup>1</sup> Lancashire, England "	942.72	
Lancaster		
and York Eng. hist.	942.04	
Irish "	941.54	
<sup>1</sup> co. Pa. history	974.815	
system education	371.41	
Lancelet fishes	597.1	
Lances side arms	623.4444	
Land		
claims finance	336.13	
companies		
drainage engin'g	627.5	
grants finance	336.14	
to public schools	379.123	
law	347.2	
laws polit. economy	333	
nationalization of	333.1	
political economy	333	
public polit. economy	333.1	
slides geology	551.3	
surveying	526.9	
tenure law	347.2	
titles, insurance of	368.8	
travel protec. of life	614.861	
Landed		
gentry English heraldry	929.725	
industry state control	351.823	
<sup>1</sup> Landes, France history	944.77	
Landing		
apparatus aviation	629.187	
artillery mil. eng.	623.414	
places aeronautics	629.144	
Landlord		
and tenant law	347.2	
polit. econ.	333	
Landrat Ger. local gov't	352.0433	
Landscape drawing	741	
gardening	710	
painting	758	
photographs	779	
sketching	741	
Landtag Ger. cent. gov't	354.4308	
local "	352.0431	
Langebek, J. Dan. misc.	839.8842	
Langendijk, P. Dutch dram.	839.3241	
Langerhans, ilands of anat.	611.377	
physiol.	612.349	
<sup>1</sup> Langlade co. Wis. hist.	977.535	
Langland, W: Eng. poetry	821.15	
Language	400	
<sup>3</sup> English, origin of	422	
lessons elemen. educ.	372.6	
localization physiol.	612.825249	
of flowers	716.2	
origin of	401	
physiology	612.789	
sign def and dum	371.912	
hieroglyphics	419.1	
universal	408.9	
Languages		
intranational migration	323.1	
philology	400	
see also qualifying names		
Langue bleue philology	408.9	
<sup>1</sup> Languedoc, France hist.	944.8	
<sup>1</sup> Lansing, Mich. "	977.427	
Lantern		
astronomic	523.89	
magic optics	535.86	
slides lib. administra.	025.177	
library cases for	022.487	
Lanterns dom. economy	644.322	
Lanthanum chemistry	546.63	
Lanzi, Luigi Ital. essays	854.64	
<sup>1</sup> Laos, Asia history	959.4	
Laparotomy surgery	617.55	
<sup>1</sup> Lapeer co. Mich. history	977.442	
La Peruse, J: B. de Fr. drama	842.33	
La Place's functions calcul.	517.35	
<sup>1</sup> Lapland, Russia history	947.1	
travels	914.71	
<sup>1</sup> La Plata history	982	
travel	918.2	
<sup>1</sup> Laporte co. Ind. history	977.291	
Lapping machines	621.922	
Laprade, P: M. V: R: de	841.81	
<sup>1</sup> La Prairie co. Que. hist.	971.434	
Larceny law	343	
Lard		
adulterations	614.313	
chemic technology	664.3	
refiners' occupation hyg.	613.62	
refining air pollution	614.743	
Larder dom. economy	643.37	
Large		
intestin anatomy	611.347	
physiology	612.36	
numbers, cooking for	641.57	
numbers, entertaining	642.43	
or small college	378.15	
Larivey, Pierre de Fr. dram.	842.38	
Larra, M. J. de F. Span. fact.	863.51	

Larva comp. physiol.	612.651	Latin	
embryology	591.34	union	332.43
Laryngeal		Latissimus dorsi anat.	611.73112
nerv, inferior anatomy	611.831917	Latitude	
superior	611.831916	at sea navigation	527.1
pharynx	611.3273	determinations geodesy	526.61
tonsils	611.326	<b>finding</b>	<b>525.41</b>
Laryngology pathology	616.22	geocentric theor. astron.	521.26
Laryngoscope	616.22	heliocentric " "	521.25
Laryngoscopy	616.22	variations of " "	521.28
physiology	612.7823	Latium ancient history	937.6
Laryngotomy surgery	617.42	<sup>1</sup> modern "	945.6
Larynx		Latrines sanitation	628.45
acoustics	534.7	Latterday saints Mormons	298
<b>anatomy</b>	<b>611.22</b>	Lattis doors arch. constr.	721.83
artificial physiol.	612.783	girders engin'g	624.23
diseases of	616.22	Lattist construction bild'g	694.5
of birds comp. physiol.	612.788	Laube, H; Ger. drama	832.76
<b>physiology</b>	<b>612.78</b>	Laudonnière discov. of Am.	973.18
La Sale, Antoine de Fr. fic.	843.23	Laughing	
<sup>1</sup> Lasalle, Ill. history	977.327	gas anesthetics	615.781
<sup>1</sup> Lassen co. Cal. history	979.426	physiology	612.219
<sup>1</sup> L'Assomption co. Que. hist.	971.4416	Laughter emotions	157
Last supper sacraments	265.3	hysteria	616.852
La Taille, J' de Fr. dram.	842.36	Launch engins	621.1228
Late hours hygiene	613.79	Launching	
Latent period		tubes torpedoes	623.95
physiology of brain	612.8211	ways shipbilding	623.83
hart	612.1723	Laundresses dom. econ.	647.25
muscle	612.7417	Laundries	
Lateral		architecture	728.93
colum of cord anat.	611.8256	<b>public dom. econ.</b>	<b>648.1</b>
line comp. physiology	612.8869	Laundry	
Lath, metal plastering	693.66	accounts " "	648.11
wooden "	693.65	cooperativ " "	648.1
Lathe work mech. eng.	621.94	<b>domestic economy</b>	<b>648.1</b>
Latin		location of domestic	643.58
antiquities	913.37	Laurineæ botany	583.931
biografy	920.037	Lava lithology	552.21
<b>church</b>	<b>282</b>	<sup>1</sup> Laval co. Que. history	971.427
<b>classics</b>	<b>870</b>	Lavatories	
epic poetry	873	domestic economy	643.52
erotica	874	furnishings dom. econ.	645.68
<b>geografy</b>	<b>912.37</b>	library bildings	022.686
hymns hymnology	245.7	school "	371.626
literature	879.1	La Vendée	
inscriptions	471.7	<sup>1</sup> French department	944.6
<sup>4</sup> language	470	insurrection	944.043
literature	870	<b>Law</b>	<b>340</b>
lyric poetry	874	addresses	347.04
<sup>4</sup> medieval and modern	479	<b>and miracles theology</b>	<b>231.7</b>
mythology	292	and order leags temper.	178.4
squares and rectangles		dictionaries	347.03
mathematics	511.61	forms	347.93

Law			Leading		
interpretation	pol. sci	328.21	cases	American law	345.5
<b>making</b>	“ “	<b>328</b>		English “	346.5
merchant		347.7		on special subjects see	
metaphysics			subject		
<b>moral ethics</b>		<b>170</b>	Leading glazing		698.5
of corporations		347.7	Leags, law and order		178.4
<b>nations</b>		<b>341</b>	Leakage		
nature		340.1	elec. power transmission	621.31937	
special topics see subject			railway engineering	621.333167	
parish ecclesias. polity		262.2	Leanness	physiol.	612.3977
reports	American	345.4	<b>Learned societies</b>		<b>060</b>
	English	346.4	buildings	arch.	727.9
schools		340.7	Learning		
	architecture	727.4	Leases	law	347.2
<b>Sunday</b>		<b>263.8</b>	Least squares		
Lawn bowls		796	computing orbits		521.36
tennis		796	<b>in geodesy</b>		<b>526.5</b>
Lawns		712	probabilities		519.8
<sup>1</sup> Lawrence co. Ill.	history	977.376	Leather, <i>see</i> Lether		
<sup>1</sup>	Ind.	“ 977.226	Leaves	fertilizers	631.872
<sup>1</sup>	Mo.	“ 977.875	shapes of	botany	581.4
<sup>1</sup>	O.	“ 977.188	<sup>1</sup> Lebanon co. Pa.	history	974.819
<sup>1</sup>	Pa.	“ 974.893	Leblanc ram	hyd. mach.	621.273
Laws			Lebrun, P. D. E.	Fr. poet.	841.61
aeronautics		629.148	<sup>1</sup> Lecce, Italy	history	945.76
bilding	bilding	692.9	Lecithin	blood	612.11119
	protec. of life	614.85	nutrition		612.39782
citizenship		323.61	Lecompton constitution		
conflict of		341.5	Kansas history		978.1
<b>library lib. econ.</b>		<b>021.894-9</b>	slavery		326.973
medical license		614.24	U. S. history		973.68
	<b>practis</b>	<b>614.2</b>	Le Coq, Thomas	Fr. dram.	842.31
<sup>3</sup> of language	English	422.1	Lectern	sacred furniture	247.1
plumbing		696.9	Lectinary	Anglican ritu.	264.032
uniform legislation		328.22	Lecture rooms	lib. bilding	022.651
Lawyers			school		371.621
and American revolution		973.315	Lectures		
ethics		174.3	copyright of		655.62
lives		<b>923.4</b>	<sup>5</sup> <b>English oratory</b>		<b>825</b>
Laxativs	cathartics	615.7321	for laboring classes		331.85
Lay ministry	eccles. polity	262.14	halls for architecture		725.83
Layamon	Eng. poetry	821.11	instruction methods		371.33
Layettes	clothing	646.36	library		021.43
Laying out of			library propogandism		021.78
towns and streets	eng.	625.7	support		021.96
public helth		614.781	popular education		374.5
Lazaretos			<sup>2</sup> on special topic see subject		
contagious diseases		614.45	Led		
hospitals		362.1	<b>accumulators</b>	elec. eng.	621.355
Lazarists	monastic ord.	271.77	black	economic geol.	553.26
Lead, <i>see</i> Led			chemistry		546.51
			drugs		615.251
			manufacture		671

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Led			Legislation	
metallurgy	669.4		<b>industrial</b>	<b>338.9</b>
mining	622.34		<b>library founding of libs.</b>	<b>021.8</b>
ores economic geology	553.44		<b>political science</b>	<b>328</b>
poisoning toxicology	615.928		<b>public health</b>	<b>614.09</b>
roofs bilding	695.4		sumptuary social ethics	177.4
water pipes	628.15		wages	331.261
Leding glazing	698.5		see also qualifying term	
Lee			Legislativ	
C: treason Am. revol.	973.383		<b>bodies and annals</b>	<b>328</b>
R. E. surrender U.S. hist.	973.7384		manuals	328.371
<sup>1</sup> Lee co. Ill. history	977.336		reporting shorthand	653.046
<sup>1</sup> Ia " "	977.799		Legislators	
Leeches culture	639.8		<b>powers</b>	<b>328.34</b>
medicin	616.9688		<b>restrictions</b>	<b>328.34</b>
zoology	595.1		Legislatures, <i>see</i> Legis. bodies	
<sup>1</sup> Leeds city, Eng. history	942.74		Legitimacy family law	347.6
<sup>1</sup> co. Ont. " "	971.373		Legs, artificial surgery	617.58
<sup>1</sup> Leelanaw co. Mich. " "	977.463		Legumes field crops	633
<sup>1</sup> Leeward ilands " "	972.97		food values	641.12
Left hart anatomy	611.122		garden crops	635.6
Lefthandedness	612.76		nutrition	612.39272
Leg anatomy	611.984		Leguminosæ botany	583.32
lymphatics " "	611.42184		Leguminous fruits	
muscles " "	611.7383		fruit culture	634.46
surgical operations	617.58		<sup>1</sup> Lehigh co. Pa. history	974.827
Legacies law	347.6		Leibnitz Ger. philosoфы	193.1
taxation of	336.27		<sup>1</sup> Leicester, Eng. history	942.54
Legal			travels	914.254
anecdotes	340.9		<sup>1</sup> Leinster, Ireland history	<b>941.8</b>
bibliografy	016.34		<sup>1</sup> Leipzig history	943.21
capacity of persons law	347.1		travels	914.321
chemistry law	340.6		Leitneriæ botany	583.972
education	340.7		<sup>1</sup> Leitrim, Ireland history	941.71
ethics	174.3		Lemercier, L. J. N.	842.68
hermeneutics	347		Lemnaceæ botany	584.68
holidays lib. econ.	023.652		Lemniscus anatomy	611.8167
maxims	340.9		Lemnos ancient history	939.11
medicin asphyxiation in	612.232		<sup>1</sup> modern " "	949.91
jurisprudence	340.6		<sup>1</sup> Lemoille co. Vt. history	974.33
profession, <i>see</i> Lawyers			Lemonade adulterations	614.346
status of woman	396.2		Lemons fruit culture	634.3
tender paper money	332.5		Lemur zoology	599.8
Legendre's theorem geod.	526.42		<sup>1</sup> Lenawee co. Mich. hist.	977.431
Legends folklore	398.2		Length of college course	378.241
monastic	271		legislativ sessions	328.354
mythology	291		term of offis	328.3356
of the Madonna	225.92		working day econ.	331.811
Legerdemain	791		Lenneп, J. van Dutch fic.	839.3354
Legislation	328		Lenngren, A. M. Swed. poet.	839.7156
American statutes	345		Lennoaceæ botany	583.66
British " "	346		<sup>1</sup> Lennox & Addington co. Ont.	
comparativ	340.5		history	971.359
fertilizers	631.818			

Lens					
crystallin	anatomy	611.8441		Levator	
	physiology	612.8441		scapulae	anatomy 611.73114
eye diseases		617.74		Levatores	
Lenses	optics	535.81		costarum	" 611.7354
photography		771		labii	" 611.7326
Lénström, K. J.	Swed. lit.	839.7464		Levees	hydraulic engin'g 627.4
Lent	Anglican church	264.031		Level constant	astron. 522.36
Lenten	cookery	641.566		Leveling	
mass music		783.27		adjustments	geodesy 526.58
Lentibulariæ	botany	583.825		barometric	geodesy 526.37
Lenticular nucleus	anat.	611.81322		spirit	526.36
Leo 3	Byzantine history	949.502		surveying	526.95
Leon				trigonometric	526.38
L. P. de	Span. poetry	861.33		Lever	
Ponce de	discov. of Am.	973.16		application	obstetrics 618.81
<sup>1</sup> Spain	history	946.2		mechanics	531.81
Leopardi, G.	Ital. poetry	851.75		Lever	
Leopold 1	Ger. history	943.044		ordnance implements	623.463
2	" "	943.06		Levigation	prac. chem. 542.22
Leopold, K. G.	af	839.7157		<sup>1</sup> Levis co. Que.	history 971.459
Lepidoptera	zoology	595.78		Levitation	spiritism 133.9
Leprosy	pathology	616.998		Leviticus	Bible 222.13
public helth		614.546		Lewes, Mrs G: H:	Eng. fic. 823.88
Leptocardii		597.1		Lewis, M. G.	Eng. fiction 823.71
Le Sage, A. R.	Fr. fiction	843.51		<sup>1</sup> Lewis co. Mo.	history 977.8345
Lesbos	ancient history	939.12		1	N. Y. " 974.759
modern	"	949.92		1	W. Va. " 975.461
Leslie's	Virginia expd.	973.3361		Lex mercatoria	law 347.7
Lesser	circulation, pressure	612.148		Lexicografy,	comparativ 413
Lessing, G. E.	Ger. drama	832.61		<sup>3</sup>	Eng. language 423
Lether	domestic econ.	646.15		<sup>3</sup> Lexicons	see Language
manufacture		675		<sup>2</sup>	on special topics see subject
stampt bilding		698.8		Lexington, battle	Am. rev. 973.3311
Letter writing	compo.	808.6		ship	" " 973.353
etiquet		395		Liabilities	
Lettering, ornamental		745		of architects	bilding 692.9
<sup>3</sup> Letters	English alfabet	421		contractors	" 692.9
<sup>5</sup>	literature	826		owners	" 692.9
patent	patents	608		Liability	
<sup>2</sup>	see also special subject			acts, employers	331.82
Lettic languages		491.9		insurance	368.4
<sup>4</sup> Lettish	"	491.93		to military servis	355.2
Leucocytes	physiology	612.112		Lias	geology 551.76
Leucocythemia	diseases	616.41		Libby prison	U.S. civ. war 973.7712
Leucocytic ferments	phys.	612.11211		Libel	law 347.5
Leucocytosis	"	612.1126		Liberal	
Leucomains	"	612.398195		christianity	rationalism 211
Leucorrhæa	gynecology	618.17		unitarianism	288
<sup>4</sup> Levant, Asia	history	956		degree, subjects allowable	378.242
travels		915.6		Liberality	ethics 179.9
ship	U.S. war 1812	973.5257		<sup>1</sup> Liberia	history 966.6
Levator				Liberty	
anguli oris	anatomy	611.7326		civil	law 347.1
				political science	323.44

<b>Liberty</b>			<b>Library</b>		
ecclesiastic polity	262.8		<b>catalogs</b>	<b>author</b>	018
metaphysics	123		<b>dictionary</b>		019
of conscience eccles. pol.	262.8		<b>subject</b>		017
press journalism	070.13		commission room bldgs		022.612
political science	323.445		cranks lib. decorum		024.52
will mental faculties	159		departments, state		021.82
personal doctrin	233.7		<b>economy</b>		020
law	347.1		fires		022.26
<b>political sci.</b>	<b>323.44</b>		furnishings dom. econ.		645.63
salvation	234.9		<b>furniture</b>		022.9
religious church	261.7		fixt		022.349
state ethics	172.3		<b>government</b>		023
<b>Librarian</b>			<b>legislation lib. econ.</b>		021.89
apartment lib. bildings	022.691		meetings staff priv.		023.68
responsibilities	023.43		name on book binding		025.254
technical duties	023.71		post, cheap lib. law		021.863
<b>Y. M. C. A.</b>	<b>267.342</b>		progress		021.03
<b>Librarians</b> biograpy	920.2		property staff rules		023.94
<b>Libraries</b>			rooms Y. M. C. A.		267.325
architecture	727.8		<b>schools</b>		020.7
arguments against	021.02		<b>staff organization</b>		023.7
for	021.01		Y. M. C. A.		267.3532
<b>for blind</b>	027.6		<b>Librations</b> moon		523.33
<b>working classes</b>			<b>Librettos</b> opera		782
lib. econ.	027.6		<b>Libya</b> ancient history		939.77
pol. "	331.85		<b>Lice</b> animal parasites		616.9681
<b>free public lib.</b>	027.4		<b>License</b>		
state control	351.852		local government		352.8
<b>general lib. econ.</b>	027		of dentists pub. helth		614.24
home " "	021.67		pharmacists " "		614.24
house " "	021.66		physicians " "		614.24
imaginary book rarities	098		teachers education		371.13
in block, buying	025.225		taxation		336.27
parochial lib. econ.	027.8		temperance		178.4
parish work	257		<b>Licenses, maritime</b>		387
private lib. econ.	027.1		<b>Lichens</b> botany		589.1
regulations for readers	024		<b>Licinian laws</b> pol. econ.		333
school education	371.64		Roman hist.		937.02
lib. econ.	027.8		<b>Licking co. O.</b> history		977.154
scope and founding	021		<b>Lidner, Bengt</b> Swed. poet.		839.7153
special for schools	021.33		<b>Lieberkühn's glands</b>		611.3415
special subject	026		<b>Lieder</b> vocal music		784.4
Sunday opening lib. econ.	024.41		<b>Liège</b> history		949.3
theol.	263.7		travels		914.93
traveling	021.65		<b>Lien laws</b>		347.2
in sense of series see subject			<b>Liernur system</b> sewerage		628.213
<b>Library</b>			<b>Life</b>		
<b>administration</b>	025		animal' painless extinct.		614.971
benefit associations	023.59		appointment to legis. body		328.3351
<b>bildings</b>	022		<b>army</b>		355.1
architecture	727.8		<b>biology</b>		570
schools	371.622		boats protection of life		614.867
Bureau	020.65				

Life			Light		
boats	ship bilding	623.829	houses	protec. of life	614.865
	outfit	623.86	infantry	mil. sci.	356
conditions of	biology	577.4	mesology		612.01444
contingencies	probabil.	519.5	of earth		525.2
elixir of	alchemy	540.1	moon		523.32
ethics		179.7	stars		523.82
future	doctrinal theol.	237	sun		523.72
	natural "	218	optics		535
insurance		368.3	perspectiv of shadows		515.63
	probabilities	519.5	photochemistry		541.35
metaphysics		111	polarization of		535.5
nature of	physiol.	612.013	therapeutics		615.831
navy		355.1	zodiacal astronomy		523.59
of legislatures		328.354	Lighters	boatbilding	623.829
origin of	biology	576	power	"	623.8232
	polit. sci.	323.43	Lighthouse		
preservers	protec. of life	614.867	tenders	shipbilding	623.826
	ship outfit	623.86	Lighting		
properties of living matter		577	electric engineering		621.32
protection from accidents		614.8	physics		537.83
saving servis	protection	614.868	engineering		628.9
	transporta.	656	library bildings		022.7
sedentary	hygiene	613.65	mines		622.47
tables	life insurance	368.3	panels	elec. eng.	621.31727
Lifting			school bildings		371.627
bridges	engineering	624.84	systems	dom. econ.	644.3
committee	legislation	328.375	windows	architecture	729.38
machinery	hydraulic	621.263	Lightning		
	mech. eng.	621.86	arresters	elec. line	621.31982
rams	"	621.272		stations	621.3178
Lifts				telephone central	621.38794
book	library econ.	022.945		terminal	621.38694
canal	engineering	626.5		telegraf	621.38328
domestic	economy	643.6	deth by	electrophysiol.	612.014425
mechanic	engineering	621.87774	physics		537.4
school	equipment	371.629	rods	physics	537.4
Ligaments	anatomy	611.72	shock	surgery	617.12
	of larynx	611.227	Lights		
	uterus	611.667	and fuel	dom. econ.	644
Ligatures	therapeutics	615.813	shades	drawing	742
Light				perspectiv	515.63
and air	hygiene	613.1	chemic technology		665
	shade arch. design	729.14	ecclesiology		246.6
	shadow, grafics of	515.7	Lightships	shipbilding	623.826
animal production	physiol.	612.772	Lignite	econom. geol.	553.22
	zoology	591.59	Liguria, Italy	history, anc.	937.1
effect on iris	physiol.	612.8423	<sup>1</sup>	mod.	945.1
	plants	581.1	Liliaceæ	botany	584.32
electric	engineering	621.32	Lillo, G:	English drama	822.57
	lib. bildings	022.754	<sup>1</sup> Lima, O.	history	977.1421
	physics	537.83	<sup>1</sup>	Peru	985
houses	engineering	627.9		travel	918.5
	navigation	656	Limbers	ordnance	623.4314
	optics	535.88	Limbic lobe	anatomy	611.81314

Limbo	eschatology	236.7	Ling, P. H.	Swed. poetry	839.7161
<b>Limbs</b>	<b>anatomy</b>	<b>611.98</b>	Lingual artery	anatomy	611.13322
	artificial	617.58	tonsil	"	611.325
Limbus			<b>Linguistics</b>		<b>400</b>
	infantum eschatology	236.7	Linguists	biography	924
	patrum	236.6	Lingula	anatomy	611.8185
Lime, <i>see</i> Limes			Linings		
<sup>1</sup> Limerick, Ireland	history	941.94	masonry	mining	622.28
	treaty of	941.56	mineral wool	masonry	693.67
Limes	building material	691.5	watertight	mining	622.56
	chemic technol.	666.9	Link motion	mech. eng.	621.84
	disinfectants	614.48	Linkages	machinery	621.84
	economic geology	553.68	<sup>1</sup> Linlithgow, Scot.	history	941.44
	fertilizers	631.821	<sup>1</sup> Linn co. Ia.	"	977.762
	fruit culture	634.3	<sup>1</sup> Mo.	"	977.824
Limestone	crystallin	552.46	Linnæan system	botany	580.1
	econom. geol.	553.51		zoology	590.1
	lithology	552.54	Linné, K; von Swed.	misc.	839.7842
Limitation			Linoleum		
	election expenditures	324.273	domestic economy		645.1
	individual rights	323.49	library	"	022.961
Limited			manufactures		679
	editions	094'	Linotype		
	vote suffrage	324.223	newspapers		070.3222
<sup>1</sup> Limousin, France	history	944.66	printing		655.28
Limpets	zoology	594.3	Lintels	architec. constr.	721.86
<b>Lincoln, A. presidency of</b>		<b>973.7</b>	Lions	zoology	599.7
<sup>1</sup> Lincoln co. Eng.	history	942.53	Lip		
	travels	914.253	reading	education	371.912
<sup>1</sup>	Me.	history 974.15	Lipoids		
<sup>1</sup>	Mo.	" 977.837	in blood	physiology	612.123
<sup>1</sup>	Ont.	" 971.351	<b>physiology of nutrition</b>		<b>612.3978</b>
<sup>1</sup>	W. Va.	" 975.443	Lipolytic ferments	physiol.	612.3973
<sup>1</sup>	Wis.	" 977.527	<sup>1</sup> Lippe, Germany	history	943.55
Lincrusta	paperhanging	698.8	Lippi, Lorenzo	Ital. satire	857.54
Lindau, Paul Ger.	drama	832.85	Lips	anatomy	611.317
Linde apparatus	chem.	542.79		physiol. of speech	612.7892
Lindsley's takigray		653.71	Liptocardii	fishes	597.1
Line			Liquefaction		
	electric traction	621.332	heat		536.42
	transmission	621.3192	of gases	chem.	542.79
	engraving	765		physics	533.2
Lineæ	botany	583.211	Liquid		
Linear perspectiv		515.61	air	physics	533.2
Linen			fuels	steam engin'g	621.18223
	bed dom. economy	645.67	state	chemistry	541.32
	fabrics " "	646.12	treatment	prac. chem.	542.6
	furnishings " "	645.48	wastes	indus. sanitat'n	628.54
	manufacture	677	Liquids		
	table dom. economy	642.7	absorption by skin		612.7914
Lines				in lungs	612.2159
	analytic geometry	516	physics		532
	descriptiv "	515	volumetric analysis		545.6
	electric engineering	621.319			
	geometry	513			



Liquor laws			Literature		
administration	351.761		woman delineated in	396.8	
license	178.4		Lithium	chemistry	546.34
prohibition	178.5		Lithography	engraving	763
Liquors			<b>Lithology</b>	<b>geology</b>	<b>552</b>
internal revenue	336.27			microscopic	552.8
<b>manufacture</b>	<b>663</b>		Lithophytes	zoology	593.6
taxation	336.27		Lithotomy	surgery	617.46
<b>traffic in</b> <b>temperance</b>	<b>178.4</b>		Lithotrixy	"	617.46
<b>use of</b> <b>"</b>	<b>178.1</b>		Lithozincography		767
<sup>1</sup> Lisbon	history	946.9	<sup>1</sup> Lithuania	history	947.5
	travel	914.69		travels	914.75
Liscow, C. L.; Ger. satire		837.54	<sup>4</sup> Lithuanian language		<b>491.92</b>
<sup>1</sup> L'Islet co. Que. history		971.474	Little		
Lissauer's tract anatomy		611.8255	Belt and President		
List			U. S. history	973.51	
system	suffrage	324.224	<sup>1</sup> Kanawha val. W. Va. hist.	<b>975.42</b>	
Lists			<sup>1</sup> Russia	history	947.7
electoral	suffrage	324.241		travels	914.77
legislativ bodies	official	328.338		sisters of the poor	271.95
	unofficial	328.339	Littré's gland	anatomy	611.6234
Litanies	sacred music	783.26	<b>Liturgies</b>		<b>264</b>
Litany	Anglic. church	264.033	<b>Live stock</b>	<b>agriculture</b>	<b>636</b>
<sup>1</sup> Litchfield co. Ct. history		974.61		insurance	368.5
Literary			Liver		
addresses		804	<b>anatomy</b>		<b>611.36</b>
on special topics	see topic		diseases of		616.36
clubs	self education	374.23	<b>physiology</b>		<b>612.35</b>
criticism, art of		801	<b>secretions</b>	<b>physiology</b>	<b>612.35</b>
with thing criticized	see subject		<sup>1</sup> Liverpool	history	942.72
esthetics		801		travels	914.272
<b>frauds and forgeries</b>		<b>809</b>	Liverworts	botany	588.3
<b>history</b>		<b>809</b>	Livery		
institutions	colleges	378	stables	architecture	725.38
men	biography	928	uniforms	dom. econ.	647.33
diet for	hygiene	613.21	<b>Lives</b>	<b>biography</b>	<b>920</b>
methods	library econ.	029		of American indians	970.2
<sup>5</sup> <b>miscellanies, English</b>		<b>828</b>		gipsies	397
occupations	hygiene	613.65		slaves	326.92
periodicals		805	Living		
property	law	347.3	cost of		647.1
	<b>publishing</b>	<b>655.6</b>	<b>matter, properties of</b>		<b>577</b>
societies	student life	371.84	room	dom. economy	645.65
style	rhetoric	808	wage	polit. econ.	331.214
<b>Literature</b>		<b>800</b>	Livingston, W; Am. poet.		811.15
biography of		<b>928</b>	<sup>1</sup> Livingston co. Ill. hist.		977.361
children delineated in		136.758	<sup>1</sup>	Mich.	"
classic (Greek and Latin)		<b>880</b>	<sup>1</sup>	Mo.	"
immoral	ethics	176.8	<sup>1</sup>	N. Y.	"
lib. exclusion		025.217	<sup>1</sup> Livonia, Russia		947.4
restriction		024.674	<sup>4</sup> Livonian language		<b>491.93</b>
<b>medieval</b>		<b>800</b>	Livy	Latin literature	878.4
<b>modern</b>		<b>800</b>	Lixiviation	prac. chem.	542.61
relation to pol. econ.		330.198	Lizards	reptils	598.11

Ljunggren, G. H. J.	839.7465	Locks	
Llad		canal engineering	626.4
bridge engineering	624.172	nut railway engineering	625.15
floor lib. bilding	022.438	Lockups architecture	725.62
Loadstone		Locomotion	
economic geology	553.3	animal comp. anatomy	591.47
magnetism	538.1	communication	656
Loan funds, student	378.36	organs of pathology	616.7
institutes pol. econ.	332.3	physiology	612.76
systems lib. "	025.6	Locomotiv cranes	621.875
<sup>1</sup> Loango, Africa history	967.2	Locomotivs	
Loans		comprest air	621.42
finance	336.3	electric engineering	621.3342
interlibrary lib. econ.	024.68	railroading	656
international " "	024.681	steam engineering	621.13
library " "	024.6	Locomotor ataxia diseases	616.83
on salary	332.3	Locris, Greece anc. hist.	938.3
Loaseæ botany	583.453	Locusts econ. zoology	591.69
Lobbying legis. bodies	328.368	pests	632
Lobelia cerebrosprin. pois.	615.98	Lodges, porter's archit.	728.91
Lobsters		Lodging houses for poor	361
fishery	639.5	Lodgings, student	371.87
zoology	595.38	Log book seamanship	656
Local		<sup>1</sup> Logan co. Ill. history	977.357
government administ.	352	1 O. "	977.146
histories see name of place		1 W. Va. "	975.444
history room lib. bldgs	022.64	Loganiaceæ botany	583.74
legislation	328.378	<sup>1</sup> Logansport, Ind. hist.	977.286
option temperance	178.4	Logarithms	510.8
taxation for pub. schools	379.13	Logau, F; von Ger. poetry	831.53
taxes finance	336.28	Logging timber trade	674
Localizations		Lôgia sayings of Jesus	229.9
cerebral physiology	612.8252	Logic	160
in animals comp. "	612.82525	Logical machines	164
Location		Logos Christology	232.2
of bridges engin'g	624.14	Logotypes printing	655.23
college or university	378.15	Logrolling legislation	328.3745
factories	621.701	Logs	
house dom. econ.	643.1	speed ship outfit	623.86
library bildings	022.1	Lohenstein, D. C. Ger.dram.	832.52
observatories	522.11	<sup>1</sup> Loir et Cher, France hist.	944.53
roads engin'g	625.72	<sup>1</sup> Loire " "	944.58
Loci		1 Inférieure, " "	944.14
in space analytic geom.	516.3	<sup>1</sup> Loiret " "	944.52
plane " "	516.1	Lollards relig. sect	289.9
Locke, D: R. Am. humor	817.42	Lombard	
J: Eng. philosofy	192.2	kingdom, Italy history	945.01
sensationalism	145	street banking	332
Locking up printing	655.27	<sup>1</sup> Lombardy, Italy history	945.2
Lockjaw diseases	616.854	Lönberg, Jens Dan. drama	839.8235
Lockouts capital & labor	331.895	<sup>1</sup> London, Eng. history	942.1
Locks		travel	914.21
and keys manufacture	683	1 Ont. history	971.326
architectural construction	721.88	<sup>1</sup> Londonderry, Ire. history	941.62

- Long  
 distance telephony 621.38781  
<sup>1</sup> Island, N. Y. history 974.721  
     battle Am. revol. 973.3322  
<sup>1</sup> Point iland, Ont. hist. 971.336  
 Longevity animals 591.139  
     librarians 023.58  
     life insurance 368.3  
     physiology 612.68  
     probabilities 519.5  
     statistics 312  
 Longfellow, H: W. Am. poet 811.34  
<sup>1</sup> Longford, Ireland history 941.81  
 Longissimus dorsi anat. 611.73136  
 Longitude  
   at sea navigation 527.2  
   determinations geodesy 526.62  
   geocentric theor. astron. 521.26  
   heliocentric " " 521.25  
   **methods of finding 525.46**  
   variations theor. astron. 521.28  
 Longley shorthand 653.63  
 Longus Danish misc. 839.8811  
 Longus colli anatomy 611.7336  
<sup>1</sup> Loo-choo ilands history 952  
     travel 915.2  
 Looking glasses optics 535.87  
     toilet 391  
 Lookout Mt U.S.civ.war 973.7359  
 Loom, power manufact. 677  
 Loosjes, Adriaan Dutch fict. 839.3351  
 Loots, Cornelis Dut. poet. 839.3153  
 Lope de Rueda Span. dram. 862.39  
 Lope de Vega " " 862.31  
 Lopez de Ayala, P. " poet. 861.21  
 Lophobranchii fishes 597.5  
<sup>1</sup> Lorain city, O. history 977.1231  
<sup>1</sup> co. O. " 977.123  
 Loranthaceæ botany 583.941  
 Lord chancellors' lives 923.442  
 Lord's day 263.3  
   prayer 226.9  
   supper sacraments 265.3  
 Loris, Guillaume de Fr. poet. 841.18  
<sup>1</sup> Lorraine, France history 944.38  
<sup>1</sup> Germany " 943.45  
<sup>1</sup> Los Angeles city, Cal. hist. 979.494  
<sup>1</sup> co. " " 979.493  
 Loss of animal heat physiol. 612.52  
   citizenship pol. sci. 323.64  
   fertilizing principles 631.814  
 Losses  
   regimental U.S. civ. war 973.7419
- Lost books book rarities 098  
     lib. economy 024.85  
<sup>1</sup> Lot, France history 944.73  
<sup>1</sup> et Garonne, Fr. hist. 944.76  
<sup>1</sup> Lotbinière co. Que. " 971.458  
 Lothaire 1 German history 943.01  
     2 " " 943.023  
 Lotteries ethics 174.6  
     history of 174.6  
 Lotus Egyptian religion 299.31  
 Lotze German philosophy 193.8  
 Louis  
   6 French history 944.022  
   7 " " 944.022  
   8 " " 944.023  
   9 " " 944.023  
   10 " " 944.024  
   11 " " 944.027  
   12 " " 944.027  
   13 " " 944.032  
   14 " " 944.033  
   15 " " 944.034  
   16 " " 944.035  
   18 " " first emp. 944.05  
     " " restorat'n 944.061  
   1 German " 943.01  
   2 " " 943.021  
   3 " " 943.021  
   4 " " 943.026  
   Napoleon French hist. 944.07  
   Philippe " " 944.063  
<sup>1</sup> Louisa co. Ia. " 977.7926  
 Louisburg U. S. hist. 973.26  
 Louisiana, U. S.  
   admission U. S. history 973.51  
<sup>1</sup> history 976.3  
     For military history, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89  
     purchase U. S. history 973.46  
     secession " " 973.713  
<sup>1</sup> Louisville, Ky. history 976.9  
 Lounging gowns 646.47  
<sup>1</sup> Louth, Ireland history 941.82  
 Louvre gallery fine arts 708.4  
 Love ethics 177.6  
   feasts pub. worship 264.8  
   of God theology 231.6  
   psychology 157  
 Lovejoy, E. P. murder of 973.7114  
 Lovelace, R: Eng. poetry 821.45  
<sup>1</sup> Low countries history 949.2  
<sup>4</sup> Dutch language 949.3  
   German literature 839.1

Low		Ludwigslied Ger. poetry	831.13
<sup>4</sup> Latin language	479	Luke gospel	226.4
literature	879	Lull, Raimon Catalan poet.	849.9111
pressure engines	621.11252	Lullabies folklore	398.8
hot water heating	697.4	music	784.4
steam	697.5	Lumbago diseases	616.74
velocity overshot wheels	621.221	Lumbar arteries anat.	611.1362
Lowell, J. R. Am. poetry	811.37	cord	611.8214
Lowenthal's tract anat.	611.8256	nervs	611.835
Lower		region	611.959
<sup>1</sup> California, Mex. history	972.2	veins	611.1461
<sup>1</sup> Canada history	971.4	vertebrae	611.7116
<sup>1</sup> empire Byzantine	949.5	Lumber bilding material	691.1
extremities anatomy	611.98	manufacture	674
bones	611.718	Lumbosacral joints anat.	611.7216
bursae	611.758	muscles	611.7313
joints	611.728	nervs	611.8353
lymph glands	611.468	Lumbricales of foot	611.7389
lymphatics of	611.4218	hand	611.73771
muscles	611.738	Lunacy law	347.1
surgery	617.58	mind and body	132.1
house legislativ bodies	328.32	Lunar	
Silurian group geology	551.731	caustic therapeutics	615.775
Loyal legion mil. order	369.152	eclipses astronomy	523.38
volunteers, society	369.153	methods find'g longitude	525.49
Loyalists		tables	523.33
Amer. revol. Can. hist.	971.024	Lunatic asylums	362.2
U. S. "	973.314	Lunatum, os anatomy	611.71772
Loyalty		Lunch	
<sup>1</sup> ilands history	993.3	counters table systems	642.57
political science	320.158	rooms lib. bildings	022.684
state ethics	172.1	school table sys.	642.58
<sup>1</sup> Lozère, France history	944.81	Luncheon recipes	641.53
<sup>1</sup> Lubeck, Germany "	943.17	Luncheons dom. econ.	642.42
Lubricants	621.89	Lunches	642.3
Lubrication		Lundy's Lane U.S.war 1812	973.5237
mechanical engineering	621.89	<sup>1</sup> Lunenburg co. N. S. hist.	971.623
railway	625.21	Lungs	
steam locomotiv	621.1345	absorption by	612.385
Lubricators steam plant	621.1977	of liquids in	612.2159
Lucan Latin epic poetry	873.2	admin. of medicin by	615.64
<sup>1</sup> Lucas co. Ia. history	977.786	anatomy	611.24
<sup>1</sup> O. "	977.112	capacity of physiol.	612.24
<sup>1</sup> Luce co. Mich. "	977.492	diseases of	616.24
Luce de Lancival, J: C: J.	841.64	functions of	612.2
Lucernariæ zoology	593.74	loss of heat in	612.523
Lucian Greek literature	888.7	Luray caverns description	551.44
Lucidor Swed. poetry	839.7132	Luschka's tonsils anat.	611.324
Lucilius, Caius Lat. satire	877.1	villi	611.8193
Junior " poetry	871.7	<sup>1</sup> Lusitania history	946.9
<sup>1</sup> Lucknow, India history	954.2	Luster ware pottery	738
travels	915.42	Lute stringd instruments	787.6
Lucretius ancient philos.	187	Lutheran church	284.1
Latin poetry	871.1	confession creeds	238.4

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Lutherans biography 922.4  
 Luting practical chem. 542.26  
 Luxemburg, house of 943.026  
 Luxfer prisms lighting 628.9  
 Luxury economics 339  
   ethics 177.4  
   hygiene 613.88  
 Luys, nucleus of anat. 611.8141  
<sup>1</sup>Luzerne co. Pa. history 974.832  
 Lycanthropy insanity 132.1  
 Lycées French schools 379.44  
 Lyceum Gk philosophy 185  
 Lyceums self-education 374.23  
 Lycia ancient history 939.28  
<sup>1</sup>Lycoming co. Pa. " 974.851  
 Lycophron Gk poetry 881.3  
 Lycopodiæ botany 587.9  
 Lycurgus Gk oratory 885.8  
 Lyddite chem. tech. 662.2  
 Lydgate, J: Eng. poetry 821.21  
 Lydia ancient history 939.22  
 Lying ethics 177.3  
 Lying-in-hospitals  
   architecture 725.51  
   institutions 362.1  
 Lyly, John Eng. fiction 823.3  
 Lymph histology 611.01857  
 Lymphatic  
   duct, right. anatomy 611.425  
   glands " 611.46  
   harts comp. physiol. 612.424  
   system anatomy 611.4  
     diseases of 616.4  
     surg. opera. 617.44  
   vessels anat. 611.42  
 Lymphatics anatomy 611.42  
   diseases of 616.42  
 Lynch law 343.2  
 Lynchburg  
   campaign U. S. civ. war 973.7369  
 Lyndsay, D: Eng. poetry 821.26  
<sup>1</sup>Lyon co. Ia. history 977.711  
<sup>1</sup>Lyonnais, France history 944.58  
<sup>1</sup>Lyons " " 944.58  
   " travels 914.458  
 Lyric drama, *see* Opera  
 \* poetry, English 821.04  
   Greek 884  
   Latin 874  
 Lysias Greek oratory 885.2  
 Lyskander, K. Dan. misc. 839.883  
 Lythariæ botany 583.441  
 Lytton, E: G: B. Eng. fic. 823.84  
 Mabinogion Welsh literat. 891.661  
<sup>5</sup>Macaronics Eng. " 827  
 Macaulay, T: B. " essays 824.83  
 Maccabees Bible 229.7  
 McCosh, James Am. philos. 191.5  
<sup>1</sup>McDonald co. Mo. hist. 977.8736  
<sup>1</sup>McDonough co. Ill. hist. 977.342  
<sup>1</sup>McDowell co. W. Va " 975.449  
 Macedonia Greek history 938.1  
   ship U. S. war 1812 973.5251  
 Macedonian  
   dialect Greek lang. 487.81  
   supremacy " history 938.07  
 Maceration  
   practical chemistry 542.61  
<sup>1</sup>McHenry co. Ill. history 977.322  
   Ft U.S. war 1812 973.5238  
 Machiavelli, N. Ital. dram. 852.31  
   essays 854.31  
 Machine  
   engraving 768  
   gun mounts ordnance 623.4313  
   guns mil. engineering 623.4224  
   shop mfg plant 621.75  
     school equipm't 371.623  
   shops architecture 725.43  
   tools mech. engin'g 621.9  
 Machinery  
   engineering 621  
   in industry pol. econ. 338.4  
   kitchen 643.34  
   propelling shipbuilding 623.87  
 Machines  
   distributing printing 655.28  
   hydraulic 532.8  
   mechanics 531.8  
   modulus of physics 531.43  
   practical printing 655.36  
   typesetting 655.28  
   washing dom. econ. 648.23  
   *see also* specific subject  
 Machinists' occupations  
   hygiene 613.66  
<sup>1</sup>McKean co. Pa. history 974.863  
 Mackenzie, G: Eng. fic. 823.43  
   H: " " 823.65  
<sup>1</sup>Mackenzie ter. Can. hist. 971.22  
 Mackerel fishery 639.2  
<sup>1</sup>Mackinac co. Mich. hist. 977.492  
 McKinley, W: presidency 973.88  
   tariff act U.S.hist. 973.86  
 Mackintosh, J. Eng. essays 824.71  
<sup>1</sup>McLean co. Ill. history 977.359  
 McMahan third republic 944.08

<sup>1</sup> Macomb co. Mich. hist.	977.439	Magellan straits	
<sup>1</sup> Macon co. Ill. "	977.358	travels	918.2
<sup>1</sup> Mo. "	977.827	Maggots	
<sup>1</sup> Macoupin co. Ill. "	977.383	parasitic diseases	616.967
Macpherson, J. Eng. poet.	821.66	Magic	
Macula lutea		lanterns optics	535.86
anatomy	611.843	natural	133
Mad houses	362.2	squares mathematics.	511.61
<sup>1</sup> Madagascar history	969	Magicians lives	920.9
<sup>1</sup> Madawaska co. N. B. hist.	971.554	Magistrates law	347.96
<sup>1</sup> Madeira island "	946.98	Magna charta	
<sup>1</sup> Madero co. Cal. "	979.481	constitutional history	342.42
Madison, J. presidency of	973.51	English history	942.033
<sup>1</sup> Madison city, Wis. hist.	977.584	Magnesium	
<sup>1</sup> co. Ill. "	977.386	chemistry	546.46
<sup>1</sup> Ind. "	977.257	group chemistry	546.44
<sup>1</sup> Ia. "	977.781	Magnetic	
<sup>1</sup> Mo. "	977.891	machines	538.8
<sup>1</sup> N. Y. "	974.764	needle	538.7
<sup>1</sup> O. "	977.155	observations	538.7
Madness		separation of ore	622.77
mind and body	132.1	surveys mining	622.15
Madoc discov. of Am.	973.14	telegraf, business	654
Madonna		elec. eng.	621.382
in art ecclesiology	246	<b>Magnetism</b>	538
fine arts	709	animal mind and body	134
painting	755	electrophysiology	612.014426
legends	225.92	terrestrial	538.7
mariolatry	230.2	Magneto	
<sup>1</sup> Madras, India history	954.8	boards telefony	621.38722
travel	915.48	chemistry	541.378
Madreporaria zoology	593.66	dynamos electricity	537.83
<sup>1</sup> Madrid history	946.4	engineering	621.313
travel	914.64	potential regulators eng.	621.31453
Madrigal music	784.1	Magnets	
Maerlant, Jacob van	839.3111	properties of	538.1
Maffei, S. marchese di	852.56	Magnifiers optics	535.82
Magalhaens discov. of Am.	973.16	Magnitude of stars	523.82
<sup>1</sup> Maganetawan dist. Ont. hist.	971.315	Magno, Celio Ital. poetry	851.44
Magazine		Magnoliaceæ botany	583.114
guns ordnance	623.4224	Magnum os anatomy	611.71777
publish by library	025.126	Magyar language	494
rifles small arms	623.44231	Magyars history	943.91
Magazines		Mahabharata Sanskrit lit.	891.2
general periodicals	050	<sup>1</sup> Mahaska co. Ia. history	977.784
literary	805	Mahometanism	297
powder, care of	623.4811	<sup>1</sup> Mahoning co. O. hist.	977.139
construction of	623.614	<sup>1</sup> Mahrah, Arabia "	953.4
<sup>2</sup> special subject see subject		<sup>4</sup> Mahratta language	491.46
<sup>1</sup> Magdalen islands, Que. hist.	971.4797	Mails postoffis	383
<sup>1</sup> Magdeburg, Prussia "	943.18	Maimonides oriental phil.	181.3
trav.	914.318	Maine	
Magellan straits		battleship Span. war	973.891
discovery U. S. history	973.16	<sup>1</sup> et Loire, Fr. history	944.18

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Maine  
<sup>1</sup> France history 944.16  
     law temperance 178.5  
 Maine, U. S.  
     admission U. S. hist. 973.54  
<sup>1</sup> history **974.1**  
     indian war U. S. hist. 973.24  
     mil. hist. Span. war 973.89441  
         U. S. civ. war 973.7441  
     travels **917.41**  
 Mains steam engineering 621.1853  
     waterworks 628.15  
 Maintenance  
     roads engineering 625.76  
 Maistre, Xavier de Fr. fic. 843.64  
 Maize agriculture 633.1  
 Majolica pottery 738  
<sup>1</sup>Majorca history 946.7  
     travels 914.67  
 Majority  
     election suffrage 324.262  
         to legisl. bod. 328.3355  
     vote legislativ procedure 328.375  
 Making redy printing 655.32  
<sup>1</sup>Malabar history 954.8  
     travels 915.48  
<sup>1</sup>Malacca history 959.5  
 Malachi Bible 224.99  
**Malacology 594**  
**Malacostraca zoology 595.36**  
<sup>1</sup>Malaga history 946.8  
     travels 914.68  
 Malar bones anatomy 611.7163  
 Malaria hygiene 613.14  
     marshes 614.772  
 Malarial fever diseases 616.936  
     public helth **614.53**  
 Malarious soils " " 614.775  
 Malay  
<sup>1</sup> archipelago history 991  
     travels 919.1  
<sup>1</sup> peninsula history 959.5  
     Polynesian languages 499  
<sup>1</sup>Malaysia history 991  
**Male functions of generation 612.61**  
     servants dom. econ. 647.22  
 Malebranche Fr. philos. 194.2  
 Males, mortality of 614.142  
 Malformation of teeth 617.64  
 Malformations  
     animal comp. anat. 591.159  
     human anatomy 611.012  
         somatology 573.9  
         surgery **617.3**  
     vegetable botany 581.22  
 Malherbe, F. de Fr. poetry 841.41  
 Malignant tumors pathol. 616.994  
 Malleability molec. phys. 539.51  
 Malleus anat. of ear 611.857  
 Malmström, B. E. 839.7463  
 Malpighiaceæ botany 583.214  
 Malpighian bodies anat. 611.415  
 Malposition of teeth 617.64  
 Malpractis law 343  
     public helth 614.26  
 Malt liquors brewing 663.3  
<sup>1</sup>Malta history 945.8  
     knights of 929.711  
 Malteries architecture 725.42  
 Malthusianism population 312  
 Maltose nutrition 612.39614  
 Malvaceæ botany 583.17  
**Malvales " 583.17**  
 Malvern Hill U. S. civ. war 973.7327  
 Mamelukes Egyptian hist. 962  
 Mamiani della Rovere, T. 854.76  
**Mammalia paleontology 569**  
     zoology **599**  
 Mammary  
     artery, external anat. 611.1341  
         internal " 611.1345  
     glands anatomy **611.69**  
         physiology **612.664**  
     lymph glands anat. 611.4642  
     secretion animals 591.146  
 Mammillary tubercles anat. 611.8142  
 Mammoth  
     cave physical geograpy 551.44  
     paleontology 569.6  
     zoology 599.6  
 Man  
     anatomy **611**  
     antiquity prehist. arch. **571**  
         nat. hist. of man 573.3  
     doctrinal theology **233**  
     ethnography **572**  
     in the iron mask biog. 920.8  
<sup>1</sup> Isle of history 942.89  
     mammals 599.9  
     mental characteristics **136**  
         faculties **150**  
     natural history of **573**  
     origin of evolution 575.8  
         nat. hist. 573.2  
         " theol. 213  
     physiology **612**  
 Management  
     in pregnancy 618.24  
     library economy 025

Management			Manners		
of household	647		of children dom. econ.	649.6	
normal labor	618.44		Mannose nutrition	612.39613	
state properties	336.11		Manometer		
puerperal state	618.6		pneumatics	533.82	
Manager, household	647.21		practical chemistry	542.77	
<b>Managers Y. M. C. A.</b>	<b>267.333</b>		steam engineering	621.1847	
Manassas, Va. U. S. civil war			Manor houses architect.	728.83	
1st battle	973.7314		Manors polit. economy	333.3	
2d battle	973.7328		Manrique, Jorge Span. poet.	861.24	
Manassas, prayer of Apocr.	229.6		Mansard roofs		
<sup>1</sup> Manche, France history	944.21		architectural construction	721.59	
<sup>1</sup> Manchester, Eng.	942.72		design	729.35	
travels	914.272		<sup>1</sup> Mansfield, O. history	977.1281	
<sup>1</sup> Manchuria, China history	951.8		<b>Mansions architecture</b>	<b>728.3</b>	
Mandeville, B. de Eng.hum.	827.53		Manslaughter law	343	
Mandible bone anatomy	611.7164		Mansson, P. Swed. misc.	839.781	
joint	611.724		Mantels fixt furniture	729.95	
Mandibular nerv	611.83156		Manual		
Mandolin stringd instrum.	787.6		alfabets	371.912	
Manetti, Antonio Ital. fict.	853.23		<b>training education</b>	<b>371.42</b>	
<b>Maneuvering machinery</b>	<b>623.436</b>		Manuals		
Maneuvers mil. science	355.5		business commerce	658	
Manfredi, E. Ital. poetry	851.56		<b>collectors biology</b>	<b>579</b>	
Mangabotti, A. dei " fict.	853.24		legislativ procedure	328.371	
Manganese			<sup>2</sup> special, see subject		
chemistry	546.71		Manuel, Juan Span. misc.	868.13	
metallurgy	669.7		<b>Manufactories architect.</b>	<b>725.4</b>	
ores economic geology	553.46		<b>engin'g</b>	<b>621.7</b>	
Mangle laundry mach.	648.45		<b>Manufactures</b>	<b>670</b>	
Manholes			<b>chemic technology</b>	<b>660</b>	
in sewers	628.253		<b>production</b>	<b>338</b>	
steam engineering	621.18455		<b>public helth</b>	<b>614.7</b>	
underground elec. lines	621.319234		state control	351.824	
Mania mind and body	132.1		Manufacturing		
puerperal obstetrics	618.76		processes elec. eng.	621.318	
Maniacs lives	920.8		<b>works engineering</b>	<b>621.7</b>	
Manichæism heresies	273.2		Manure, stable agric.	631.86	
Manifolding			air pollut.	614.761	
writing	652		Manures		
Manila, battle Span. war	973.895		farmyard agric.	631.86	
Manilius, Marcus Lat.poet.	871.5		fertilizers	631.8	
Manipulation			green	631.874	
<b>practical chemistry</b>	<b>542</b>		sewage san. engin'g	628.38	
therapeutics	615.82		vegetable agric.	631.87	
Manistee city, Mich. hist.	977.462		Manuscript catalog lib.econ.	025.3	
<sup>1</sup> co. "	977.462		Manuscripts		
<sup>1</sup> Manitoba, Canada "	971.27		book rarities	091	
<sup>1</sup> Manitoulin ilands, Ont. "	971.3155		copyright	655.62	
<sup>1</sup> Manitowoc co. Wis. "	977.567		diplomatics	417	
<b>Manly exercises sports</b>	<b>796</b>		Latin diplomatics	471.7	
Manners			<sup>8</sup> other languages		
and customs, general	390		library administration	025.171	
local, see special countries			selection publishing	655.51	



<b>*Manx language</b>	491.64	<b><sup>1</sup>Marin co. Cal.</b>	history	979.462
Manzoni, Ales. Ital. fict.	853.72	Marine		
	poet. 851.73	animals		591.92
Map		<b>architecture</b>	<b>naval eng.</b>	<b>623.8</b>
cases library admin.	025.8		<b>ship bldg</b>	<b>623.8</b>
	storage 022.485	boilers		621.18422
drawing in schools	910.7	corps navy		359
making	526.98	<b>engins</b>		<b>621.12</b>
projection geodesy	<b>526.8</b>	fauna zoology		591.92
<b>Maps</b>	912	flora botany		581.92
aerial aeronautics	629.145	hospitals institutions		362.1
<b>astronomic, general</b>	<b>524</b>	insurance		368.2
moon	523.39	law		347.7
planets	523.49	plants		581.92
star	523.89	surveying		526.99
sun	523.79	zoology		591.92
classic	912.3	Mariners		
removed from lib. books	024.83	compass magnetism		538.7
school apparatus	371.67	occupation hygiene		613.64
special library material	025.176	<b><sup>1</sup>Marinette city, Wis. hist.</b>		977.534
U. S. history civil war	973.799	<sup>1</sup> co. " "		977.533
Mex. "	973.6299	Marini, G. Ital. poetry		851.52
revolution	973.399	Mariolatry R. cath. theol.		230.2
Span. war	973.8999	<b><sup>1</sup>Marion city, O. history</b>		977.1511
war of 1812	973.5299	<sup>1</sup> co. Ill. "		977.3794
<b>*Marathi language</b>	<b>491.46</b>	<sup>1</sup> Ind. "		977.252
<b><sup>1</sup>Marathon co. Wis. history</b>	977.529	<sup>1</sup> Ia. "		977.783
Marble		<sup>1</sup> Mo. "		977.835
economic geology	553.51	<sup>1</sup> O. "		977.151
inscriptions	417	<sup>1</sup> W.Va. "		975.454
Greek	481.7	Marionettes amusements		791
Latin	471.7	<b><sup>1</sup>Mariposa co. Cal. hist.</b>		979.446
<sup>3</sup> other lang.		Maritime		
lithology	552.46	affairs naval science		359
sculpture	731	discovery		910.4
March, A. Catalan poetry	849.9131	law		347.7
March form music	786.44	quarantine pub. helth		614.461
to the sea U.S. hist.	973.7378	registry		355.2
<b><sup>1</sup>Marche, France history</b>	944.68	surveying		526.99
<b><sup>1</sup>Marches, Italy "</b>	945.6	Marivaux, P. C. de C. de		
Marchetti, G. Ital. poetry	851.74	French drama		842.54
Marchi's tract anatomy	611.8256	fiction		843.52
Marconi wireless telegrafy	621.3842	Mark, gospel of		226.3
Marcus Aurelius philos.	188.8	<b>Market gardening agric.</b>		<b>635</b>
Marenco, L. Ital. drama	852.84	Markets		
Margaretta (ship) capture	973.351	architecture		725.26
Margiana ancient history	939.63	cattle architecture		725.27
Marguerite de Navarre		domestic economy		641.4
French fiction	843.31	Marking		
Marian persecutions in Eng.	272.6	laundry dom. economy		648.12
Mariana, J. de Span. misc.	868.31	system education		371.26
Marie de France Fr. poetry	841.13	Marks polit. science		321.2
<b><sup>1</sup>Maries co. Mo. history</b>	977.859	Marl fertilizers agric.		631.822
<b><sup>1</sup>Marietta, O. "</b>	977.1981	lithology		552.54

Marlowe, C. Eng. drama 822.32  
 Marmarica anc. history 939.76  
<sup>1</sup>Marne, France history 944.32  
 Marnix, P. Dutch poetry 839.3127  
 Maronites sects 281.5  
 Maroons hist. of Jamaica 972.92  
 Marot, Clement Fr. satire 847.31  
 Marprelate controversy 285.9  
 Marque and reprisals  
   international law 341.3  
<sup>1</sup>Marquesas islands history 996.3  
 Marquetry artistic furnit. 749  
   cabinet work 684  
<sup>1</sup>Marquette co. Mich. hist. 977.496  
<sup>1</sup> Wis. " 977.558  
 Marriage  
   communal 392.9  
   customs 392.5  
   ethics 173.1  
   law 347.6  
   registers genealogy 929.3  
   sacrament 265.5  
   vital statistics 614.17  
 Marrow, bone histology 611.01846  
   physiology 612.491  
 Marryat, F. Eng. fiction 823.78  
 Mars planets 523.43  
   seasons astronomy 525.54  
<sup>1</sup>Marseilles history 944.91  
   travel 914.491  
 Marsh shorthand 653.54  
<sup>1</sup>Marshall co. Ill. history 977.351  
<sup>1</sup> Ind. " 977.288  
<sup>1</sup> Ia. " 977.755  
<sup>1</sup> W. Va. " 975.416  
<sup>1</sup> islands " 996.8  
<sup>1</sup>Marshalltown, Ia. " 977.7551  
 Marshes  
   hygiene of pub. helth 614.772  
   physical geology 551.49  
 Marsipobranchii fishes 597.2  
 Marston, J. Eng. comedy 827.34  
 Marsupialia mammals 599.2  
 Marsupialida zoology 593.76  
 Martial Latin satire 877.6  
 Martial law pol. sci. 323.491  
<sup>1</sup>Martin co. Ind. history 977.238  
 Martinez de la Rosa, F. 862.51  
<sup>1</sup>Martinique history 972.98  
   travels 917.298  
 Martorel, Joanet Catal.fict. 849.933  
 Martyrs persecutions 272  
 Marvel, Ik Am. miscel. 818.32  
 Marvell, Andrew Eng.sat. 827.43

Mary  
   queen of Eng. Eng. hist. 942.054  
   Scots Scot. " 941.05  
   Virgin biography 225.92  
   Rom. cath. theol. 230.2  
<sup>1</sup>Maryland, U. S. history 975.2  
   For military history, see subdivisions of Special campaigns and Military history under 973.3, 973.52, 973.7 and 973.89  
 Mascheroni, L. Ital. poetry 851.62  
<sup>1</sup>Mashona, Africa history 968.9  
<sup>1</sup>Maskinonge co. Que. hist. 971.444  
 Masks dramatic music 782.9  
 Mason  
   and Dixon's line slavery 326.973  
<sup>1</sup> co. Ill. history 977.355  
<sup>1</sup> Mich. " 977.461  
<sup>1</sup> W. Va. " 975.433  
 Masonry  
   anti secret societies 366.1  
   bilding 693  
   bridges, archt 624.63  
   fortifications 623.123  
   lining mining 622.28  
   roofs architecture 721.52  
   village houses archit. 728.6  
 Masons secret societies 366.1  
 Masquerades amusem'ts 793  
   customs 394.2  
 Mass  
   balancing steam turbins 621.16537  
   catholic ritual 264.025  
   sacred music 783.2  
   law of gravity 531.54  
   of earth 525.11  
   recitativ music 784.2  
<sup>1</sup>Massac co. Ill. history 977.3997  
 Massachusetts, U. S.  
<sup>1</sup> history 974.4  
   For military history, see subdivisions of Special campaigns and Military history under 973.3, 973.7 and 973.89  
   King Philip's war 973.24  
   Shay's rebellion 973.318  
 Massage therapeutics 615.82  
 Masseter muscle anat. 611.73271  
<sup>1</sup>Massillon, O. history 977.1623  
 Massinger, P. Eng. drama 822.37  
 Master and servant fam.eth. 173.8  
   law 347.6  
 Mastersingers Ger. poetry 831.38  
 Mastication  
   muscles anatomy 611.7327  
   physiology 612.311

Mastitis	obstetrics	618.71	Matins	catholic ritual	264.023
Mastmaking	shipbuilding	623.85	<b>Matriculation</b>	<b>schools</b>	<b>371.21</b>
Mastodon	paleontology	569.6	Matrimony, <i>see</i>	Marriage	
Mastoid			Matter		
cells	anatomy	611.8547	metaphysics		117
ear diseases		617.87	physics		530.1
glands	anatomy	611.4632	<b>properties of living</b>		<b>577</b>
Masts	shipbuilding	623.85	Matthew, gospel of		226.2
Matamoras			Matthias	German history	943.035
battle	Mexican war	973.6234	Mattias, Canon	Swed. misc.	839.781
<sup>1</sup> history		972.1	Matting	dom. economy	645.1
<sup>1</sup> Matane co. Que.	hist.	971.4775	lib.	"	022.962
Matches	chem. tech.	662.5	Mauritania	ancient hist.	939.71
mil. engin'g		623.4541	<sup>1</sup> Mauritius	history	969
Matchmakers			Mausoleums		718
occupation	hygiene	613.62	Maxillary		
<b>Materia medica</b>		<b>615.1</b>	artery, external anat.		611.13323
Material			<b>internal</b>	"	<b>611.13328</b>
appropriate to library		021.16	<b>bone, inferior</b>	"	<b>611.7164</b>
balloon	aeronautics	629.161	superior	"	611.7161
rooms for special lib. bldg		022.63	glands, internal	"	611.462
Materialism	philosophy	146	nerv, inferior	"	611.83156
Materials			<b>superior</b>	"	<b>611.83154</b>
bilding		691	Maxim gun	ordnance	623.4225
bridge	<b>engineering</b>	<b>624.01</b>	Maxima and minima		
clothing	dom. econ.	646.1	algebra		512.3
hygiene		613.481	calculus		517.27
<b>engineering</b>		<b>620.1</b>	geometry		513.19
factory storage		621.7962	Maximilian 1	Ger hist.	943.029
foundation	bridges	624.153	<sup>2</sup> " "		943.033
insulating	elec. engin'g	621.31937	<sup>5</sup> Maxims	Eng. literature	828
library bildings		022.2	law		340.9
bookbinding		025.7	<sup>2</sup> on special topics	<i>see</i> subject	
bookcases		022.441	May 1	labor holidays	331.817
<b>strength of engineering</b>		<b>620.11</b>	Maya		
molec. phys.		539.4	architecture		722.9
<b>Maternity</b>		<b>618</b>	civilization	antiq.	913.72
ethics		173	Mex. hist.		972.015
hospitals		362.1	language		497
architecture		725.51	Mayaceæ	botany	584.37
<b>medicin</b>		<b>618</b>	<sup>1</sup> Mayenne, France	hist.	944.16
Mathematical			Mayflower descendants	soc.	369.124
crystallografy		548.7	Maynard, F.	Fr. poetry	841.42
drawing		744	<sup>1</sup> Mayo, Ireland	history	941.73
instruments		510.8	Mayor	Fr. local gov.	352.0447
probabilities		519.2	Mazurka	piano music	786.44
tables		510.8	Meal mills	architecture	725.47
theory	gravity exper.	526.71	<b>Meals</b>	<b>domestic economy</b>	<b>642</b>
of music		781.1	Mean		
tides		525.61	time	solar day	529.1
Mathematicians	biografy	925.1	value	probabilities	519.6
<b>Mathematics</b>		<b>510</b>	Measles	diseases	616.915
Mathews, C.	Am. drama	812.32	public helth		614.523
Mathurins	monastic order	271.79	Measurements	<i>see</i> Mesurements	

Measures, <i>see</i> Mesures	
Measuring, <i>see</i> Mesuring	
Meat	
as food	
dom. econ.	641.3
food values	641.12
hygiene	613.28
physiology	612.39281
cookery	641.6
fresh, inspection of	614.317
markets	
dom. econ.	641.4
preservation chem. tech.	664.9
preservd, inspection of	614.319
supply	
production	338.1
<sup>1</sup> Meath, Ireland	history 941.82
<sup>1</sup> Mecca, Arabia	history 953.2
	travels 915.32
Mechanic arts and trades	680
servis	lib. econ. 023.77
Mechanical	
arithmetic	510.8
drawing	744
engineering	621
equivalent	heat 536.7
haulage	mining 622.66
injuries, effects of	med. 616.982
musical instruments	789
preparation	mining 622.7
rectifiers	elec. eng. 621.31372
remedies	therapeutics 615.81
stokers	steam engin'g 621.1836
tackle	engin'g 621.863
trades	680
training	607
	in schools 371.42
Mechanics	
applied	620.1
factory organization	621.705
institutes	exhibitions 606
liens	law 347.2
lives	926
physics	531
Mechanism	
animal	physiol. 612.76
engineering	621.8
of labor	obstetrics 618.41
steam engin	621.11
Meckel's diverticulum	611.3412
ganglion	611.89154
Mecklenburg	
declaration	Am. revol. 973.313
<sup>1</sup> Germany	history 943.17
<sup>1</sup> Mecosta co. Mich.	" 977.452
Medal of honor	legion 369.114

Medallion	
windows	arch. decora. 729.82
Medallions	numismatics 737
Medals	carving 736
	numismatics 737
Media	ancient history 935.3
Median nerv	anatomy 611.8335
Mediastinal artery	anat. 611.1355
	glands " 611.4644
Mediastinum	" 611.27
	testis " 611.6315
Mediatized	
states	political science 321.026
Medical	
analysis	chemistry 543.4
biografy	926.1
books	lib. restriction 024.673
botany	econ. botany 581.63
	materia medica 615
diagnosis	616.07
education	610.7
	state control 614.21
electricity	elec. engin'g 621.3915
	physics 537.87
	therapeutics 615.84
ethics	174.2
inspection of schools	371.712
jurisprudence	340.6
museums	610.77
police	614.29
practis	pathology 616
	state control of 614.25
profession, <i>see</i> Medicin; Physicians	
schools	610.71
societies	610.6
testimony	614.23
	law 340.6
zoology	591
Medicated baths	
admin. of medicin	615.67
Medication	
admin. of medicin	615.6
hypodermic	615.63
Medici, L. de	Ital. poetry 851.23
Medicin	610
chemic analysis	543.4
dental	617.6
economic botany	581.63
	zoology 591.63
legal	340.6
preventiv	pub. helth 614
state control of	614.2
veterinary	619

Medicinal			
<b>plants</b>	<b>615</b>		
use of stimulants	178.1		
Medicins			
<b>general action ther.</b>	<b>615.5</b>		
<b>groupt by effects</b>	<b>615.7</b>		
patent adulterations	614.353		
state control	614.27		
therapeutics	615.88		
Medico-legal relations	614.23		
Medieval			
<b>architecture</b>	<b>723</b>		
art, history of	709		
<b>customs and costumes</b>	<b>390</b>		
<b>designs</b>	<b>745</b>		
<b>Europe history</b>	<b>940.1</b>		
<sup>3</sup> <b>Latin</b>	<b>479</b>		
<b>philosofy</b>	<b>189</b>		
science	502		
sculpture	734		
therapeutics	615.89		
<sup>1</sup> Medina co. O. history	977.135		
Mediotarsal joints anat.	611.72854		
Meditations theology	242		
Mediterranean sea			
physical geology	551.462		
travels	910.4		
Mediums spiritualism	133.9		
<b>Medo-Persia anc. history</b>	<b>935</b>		
Medulla oblongata			
action on blood vessels	612.1812		
hart physiol.	612.1785		
respiration "	612.282		
anatomy	611.818		
physiology	612.828		
Medullary			
layers embryology	611.01351		
sheath histology	611.018834		
velum, superior anat.	611.8163		
<b>Medusae zoology</b>	<b>593.7</b>		
Meekness ethics	179.9		
Meerscham econ. geol.	553.61		
Meetings			
library propagandism	021.78		
staff privileges	023.68		
of library trustees	023.38		
<sup>1</sup> Megantic co. Que. hist.	971.4575		
<sup>1</sup> Lake co. Que. "	971.469		
Megaric philosofy	183.6		
Megaric ancient history	938.4		
Megatherium paleontol.	569.3		
Megrin diseases	616.857		
<sup>1</sup> Meigs co. O. history	977.199		
Melancholy mind and body	132.3		
<sup>1</sup> Melanesia history	993		
travels	919.3		
Melaphyr lithology	552.39		
Melastomaceæ botany	583.43		
<sup>1</sup> Melbourne history	994.5		
travels	919.45		
Meliaceæ botany	583.251		
Meliorism philosof. syst.	149.5		
Melissus Gk philosofy	182.3		
Melodeon music	786.9		
Melody theory of music	781.2		
Melting prac. chem.	542.48		
points thermochem.	541.36		
Melville, Herman Am. fic.	813.36		
Members			
exofficio legis. bodies	328.332		
number " "	328.3349		
Membership			
fees, library	024.21		
<b>legislativ bodies</b>	<b>328.33</b>		
without vote	328.331		
lists, legislativ official	328.338		
unofficial	328.339		
Membrana tympani			
ear diseases	617.85		
Membranes			
admin. of medicin by	615.66		
cellular histology	611.01818		
of the hart diseases	616.11		
<b>Memoirs biografy</b>	<b>920</b>		
scientific soc.	506		
Memorial			
day school observance	371.365		
U. S. civil war	973.768		
sermons biografy	920		
sermons	252.9		
Memorials			
<b>American revolution</b>	<b>973.365</b>		
U. S. civil war	973.765		
Memory			
in animals zoology	591.51		
mental derangements	132.8		
<b>faculties</b>	<b>154</b>		
physiology	612.8212		
Memphis, Tenn.			
U. S. civil war	973.752		
Men, clothing for	646.32		
hedgear for	646.52		
Mena, Juan de Span. poet.	861.22		
Menageries amusements	791		
zoology	590.7		
Menander Greek drama	882.6		
<sup>1</sup> Menard co. Ill. history	977.355		
Mencius oriental philos.	181.1		

Mendelism	botany	581.158	Mercantil		
Mendicancy			rules	arithmetic	511.8
	state control	351.763		system econ. theory	330.151
<b>Mendicant orders</b>		<b>271</b>		theory and practis	658
Mending	dom. econ.	646.24	<sup>1</sup> Merced co. Cal.	hist.	979.458
<sup>1</sup> Mendocino co. Cal.	hist.	979.415	Mercenaries	Am. revol.	973.342
Mendoza, D.H.de		861.36	<sup>1</sup> Mercer co. Ill.	history	977.339
	I. L. de	183.23	<sup>1</sup>	Mo. "	977.821
Menedemus	Gk philos.	183.7	<sup>1</sup>	N. J. "	974.965
Meningeal artery, great		611.133289	<sup>1</sup>	O. "	977.1415
Meninges			<sup>1</sup>	Pa. "	974.895
	cerebrospinal diseases	616.82	<sup>1</sup>	W. Va. "	975.474
	of brain	<b>anatomy 611.819</b>	Mercersburg theology		230.41
		physiology 612.8241	Merchant servis	ocean	387
	spinal cord	<b>anatomy 611.829</b>	Merchants	büs. ethics	174.4
Meningitis	diseases	616.82		lives	<b>923.8</b>
Menispermaceæ	botany	583.116	Mercurials	cathartics	615.7326
Mennonite church		289.7	Mercury		
Mennonites	biografy	922.87	chemistry		546.58
<sup>1</sup> Menominee city, Mich.	hist.	977.495	materia medica		615.258
<sup>1</sup>	co. Mich. "	977.495	metallic poisons		615.927
Men's clothing	dom. econ.	646.32	metallurgy		669.7
	hats	" 646.52	ores	economic geol.	553.45
Menstruation	gynecology	618.17	planets		523.41
	physiology	612.662	transits	astronomy	523.91
Mensuration	arithmetic	511.8	vapor lamps	elec. light	621.3274
	surveying	<b>526.9</b>	Mercy, sisters of		271.92
<b>Mental</b>			<b>Meridian</b>		
	capacity of women		circles	astron. instrum.	522.33
	education	376.2	line	practical astron.	522.31
	psychology	136.1		spheric "	522.76
	characteristics	<b>136</b>	<b>Meridional instruments</b>		<b>522.3</b>
	derangements	medicin 616.8	Mérimée, Prosper	Fr. fic.	843.81
		mind and body <b>132</b>	Merino sheep	dom. anim.	636.3
	development	education <b>370</b>	<sup>1</sup> Merioneth, Wales	hist.	942.92
	disability, inherited	hyg. 613.92	Merit system, see	Civil service reform	
	<b>faculties</b>	<b>150</b>	Mermaids	folklore	398.4
		of animals	zool. 591.51	Merovingians	Fr. history 944.01
	healing		615.851	<b>Merrimac</b>	
	heredity	mind and body 136.3	and Monitor	U.S.civ.war	973.7324
	hygiene		131	<sup>1</sup> co. N. H.	history 974.27
	overwork	mental hyg. 131	naval hist.	U.S.civ.war	973.752
	<b>philosofy</b>	<b>150</b>	sinking	U.S.war w. Spain	973.895
photografis		139	Merycismus	physiology	612.3275
physiology	mind & body	131	<b>Mesencephalon anatomy</b>	<b>611.815</b>	
	physiology	<b>612.821</b>	Mesenchyme	embryology	611.013395
	<b>science</b>	<b>150</b>		histology	611.01825
Menubrium	anatomy	611.713	<b>Mesenteric</b>		
Menus	domestic econ.	642.1	arteries	anat.	611.1365
Menzini, B.	Ital. sat.	857.56		<b>celiac</b>	<b>611.1364</b>
<b>Mercantil</b>				umbilic	" 611.1364
	law	347.7	nervs	"	611.8393
	libraries	027.2-3	vein, inferior	"	611.1492
	manuals	658	superior	"	611.1491

Mesentery	anat.	611.383	Metalized filaments		
	diseases of	616.38		elec. light	621.32631
Mesh connections	elec. eng.	621.3191332	Metallic		
Mesmerism	mind and body	134	ceilings	architec.	721.74
Mesocele	anatomy	611.8156	doors	"	721.82
Mesodermic organs	embry.	611.0136	floors and flooring	"	721.64
Mesogastric region	anat.	611.955	ores	econ. geol.	553.3-4
Mesology		612.0144	poisons	therapeutics	615.925
Mesonephros	anatomy	611.619	roofs	architecture	721.54
Mesopharynx	"	611.3272		bilding	695.4
Mesopotamia	anc. history	935.8	salts	emetics	615.731
Mesozoic			tractors	cures	615.856
	period geology	551.76	tremor	diseases	616.862
Messala Corvinus	Lat. lit.	875.5	<b>Metallurgy</b>		669
Messengers			Metals		
	legislative employees	328.3625	bearing	mech. engin'g	621.822
	library economy	023.78	bilding materials		691.8
	public servis	385	coinage		332.41
Messenia	ancient history	938.9	history		669
Messenius, J.	Swed. drama	839.7221	<b>inorganic chemistry</b>		546.3
Messiah	doctrinal theol.	232.1	<b>manufactures</b>		671
Measurements			mining		622.34
	electric engineering	621.37	organic chemistry		547.9
	physics	537.7	transmutation of		540.1
	practical chemistry	542.3	Metalwork, artistic		739
Mesures and weights			<b>Metalworking tools, mach.</b>		621.9
	metrology	389	<b>Metamorphic rocks</b>	geol.	552.4
	state control	351.821	Metamorphism	phys. geol.	551.6
Mesuring			Metamorphosis		
	instruments metrology	389	botany		581.34
	physics	530.8	comparativ physiol.		612.651
	of angles crystallografy	548.7	of insects		595.7
	surveying	526.93	zoology	embryology	591.34
	distances "	526.92		variation	591.151
	heat electric meth.	536.53	Metaphors	rhetoric	808
	hights surveying	526.94	<b>Metaphysics</b>		110
	light optics	535.2	Metapore	anat.	611.8185
	ventilation mines	622.46	Metatarsal bones	"	611.7188
Metabolism			Metatarsophalangeal joints		611.7288
	of nitrogen in urea	612.46123	Metathalamus	anatomy	611.8146
	plants	581.13	Metempsychosis	metaphys.	129.4
	physiologic chemistry	612.0153	<b>Metencephalon</b>	anatomy	611.817
	physiology	612.39	Meteoric points	astron.	523.53
Metacarpal bones	anat.	611.7178		showers	"
Metacarpophalangeal joints		611.7278			523.53
Metacarpus	anat.	611.7178	Meteorites	lithology	552.6
Metagenesis	animals	591.163	Meteorology		
Metal				natural history of man	573.4
	beams bridge engin'g	624.227		physical geology	551.5
	filaments elec. lighting	621.3264	Meteors and comets		523.56
	lath masonry	693.66		astronomy	523.5
	pavements engin'g	625.87		systems of	523.54
	roofing bilding	695.4	Meter		
	sheet, shop mfg plant	621.792		transformers elec. eng.	621.31438

Meter			Mexico	
weights and mesures	389		geology	557.2
Meters			gulf of phys. geol.	551.463
electric engineering	621.373		<sup>1</sup> history	972
electric light	621.3286		maps	912.72
<sup>3</sup> English prosody	426.5		schools, public	379.72
telephone stations	621.38798		statistics	317.2
water	628.17		travel	917.2
Methemoglobin / physiol.	612.11116		treaties	341.272
Method			other topics see table 1	
of directions geodesy	526.54		Mezzotint	766
exhaustions calculus	517.1		<sup>1</sup> Miami co. Ind. history	977.284
independent angles	526.51		<sup>1</sup> O. "	977.148
least squares orbits	521.36		Mica economic geology	553.9
probab.	519.8		Micah Bible	224.93
repetitions geodesy	526.56		Michael 6 Byzantine hist.	949.502
summoning legis. bodies	328.351		Angelo, jr Ital. lit.	852.51
Methodist church	287		Michel, Jean French dram.	842.22
episcopal church	287.6		Michigan	
Methodists biography	922.7		admission U. S. hist.	973.56
Methodology metaphys.	112		<sup>1</sup> history	977.4
Methods			For military history see	
business	658		973.52474, 973.7474 and	
in special topics see subject			973.89474	
literary lib. econ.	029		<sup>1</sup> city, Ind. history	977.291
of education	371		lake travel	917.74
statistics	311		<sup>1</sup> Michoacan, Mex. "	972.3
studying science	507		Micrembrææ botany	583.925
surveying	526.91		Microbes "	589.95
teaching chemistry	540.7		Microfone	
Metric system metrology	389		electrophysiology	612.01442182
Metritis obstetrics	618.73		physics	537.82
Metrology	389		Micrology, animal	591.8
<sup>1</sup> Metz history	943.45		human	611.018
travels	914.345		Micrometers astronomy	522.53
Meung, Jean de Fr. poetry	841.18		<sup>1</sup> Micronesia history	996.5
<sup>1</sup> Meurtha, France history	944.39		Micro-organisms etiology	616.01
<sup>1</sup> Meuse " "	944.38		Microphone electrophys.	612.01442182
Mexican			physics	537.82
indians	970.1		Microphotografy	
war Mexican history	972.05		microscopy	578.4
U. S. "	973.62		photografy	778
nat'l ass'n of veterans	369.146		Micropyle zoology	591.172
pension act U.S. hist.	973.85		Microscopes	578
Mexico			optics	535.82
administration	354.72		Microscopic	
antiquities	913.72		analysis of water	613.33
architecture	720.972		life invertebrates	592
botany	581.972		material, preparation of	578.6
city battles Mex. war	973.6238		Microscopy	578
capture " "	973.6239		animal histology	591.8
<sup>1</sup> history	972.5		human "	611.018
travels	917.25		lithology	552.8
finance	336.72		study of disease	616.077
			vegetable histology	581.8

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



Microspereæ	botany	584.1	Military		
Microtome	microscopy	578.4	drill	school gymnastics	371.733
Micturition	physiol.	612.467II	duels	mil. science	355.13
Midbrain	anatomy	611.815	engineering		623
Middens			geografy	mil. science	355.47
and privies	scavenging	628.41	hierarchy		355.33
kitchen	prehist. arch.	571.93	history		355.09
Middle			of special countries	see country	
ages	European history	940.1	history, U. S.	civil war	973.74
class	political science	323.32		Mex. war	973.624
ear	anatomy	611.854		revolution	973.34
	diseases of	617.84		Span. war	973.894
	physiology	612.854		war 1812	973.524
High German	language	437.02	honor		355.13
	poetry	831.2	hospitals		362.1
<sup>1</sup> States, U. S.	history	974	hygiene		613.67
	For military history of all or individual states, see subdivisions of Special campaigns and Military history under 973.3, 973.52, 973.7 and 973.89		law		355
Middleman	political econ.	331.236		courts martial	344
<sup>1</sup> Middlesex co. Ct.	history	974.66	life		355.1
<sup>1</sup>	Eng. "	942.1	order of foren wars U. S.		369.115
<sup>1</sup>	Mass. "	974.44		the loyal legion	369.152
<sup>1</sup>	N. J. "	974.941	organization in schools		371.43
<sup>1</sup>	Ont. "	971.325	pensions		351.5
Middletown, Va.	battle	973.7377	photografy		623.72
<sup>1</sup> Midland co. Mich.	hist.	977.448	railways		623.63
<sup>1</sup> Midlands, Eng.	"	942.4-5	religious orders		929.7
Midwifery, antiseptics in		618.89	roads	mil. engin'g	623.62
	obstetrics	618.2	sanitation	" "	623.75
<sup>1</sup> Mifflin co. Pa.	history	974.846	science		355
	Fort Am. revol.	973.3337	servis	suffrage	324.171
Migrations			signals		623.7
of animals		591.52	society of the war of 1812		369.143
men	ethnology	572.3	surgery		617.99
Mikkelsen, Hans, Dan.	misc.	839.8823	surveying	geodesy	526.99
Milá y Fontanals, M.		868.53		mil. eng.	623.71
<sup>1</sup> Milan	history	945.2	telefony	" "	623.733
	travels	914.52	telegrafy	" "	623.732
Mildew	botany	589.2	topografy	" "	623.71
Military			Militia		355
academies		355.07	Milk		
aeronautics		623.74	agriculture		637.1
and naval arts		355	analysis	adulterations	614.321
	naval order of U. S.	369.113		chemistry	543.2
antiquities		355.09	and its products	adult.	614.32
architecture, buildings		623.61	as food	physiology	612.39284
	fortifications	623.1	condenst	dairy	637.1
balloons	engin'g	623.74	cure	therapeutics	615.854
biografy		923.5	dairy		637.1
bounties, see Bounties			depots	dom. econ.	641.4
bridges		623.65	dietetics		613.28
celebrations	mil. science	355.16	fever	obstetrics	618.71
disciplin	"	355.13	food for infants		613.22
			physiologic	zoology	591.146
			physiology		612.664

Milkcurdling ferments			Mineral		
gastric juice	612.3216		amendments soil	631.82	
physiology	612.66417i		cements chem. tech.	666.9	
Mill, J: S. British philos.	192.7		econom. geol.	553.68	
Mill			constituents of food	641.17	
dams hydraulic eng.	627.8		<sup>1</sup> co. W. Va. history	975.494	
water engines	621.29		foods physiology	612.3926	
gearing and machinery	621.85		irritant poisons therap.	615.92	
stones mechan. eng.	621.922		oil refining air pollut.	614.724	
work engineering	621.8		oils chem. tech.	665.4	
Millennium theology	236.3		econom. geology	553.28	
Miller, Joaquin Am. poet.	811.45		salts, dialysis of physiol.	612.3821	
<sup>1</sup> Miller co. Mo. history	977.856		in bile	612.35714	
Millerites sects	289.3		blood	612.126	
Millers' occupation hyg.	613.63		springs econom. geol.	553.7	
Millevoeye, C: H. Fr. poet.	841.67		substances in milk	612.66416	
Milliken repeaters teleg.	621.38324		phys. chem.	612.01531	
Millinery clothing	646.5		surveys	622.13	
Milling tools	621.91		trades air pollution	614.72	
Mills			veins ore deposits	553.19	
and manuf'g works	621.7		waters adulterations	614.348	
cotton, woolen, etc.	677		artificial	663.6	
<sup>1</sup> co. Ia. history	977.774		econom. geol.	553.7	
flour, meal and feed arch.	725.47		hygiene	613.38	
paper	725.46		therapeutics	615.79	
manufactures	676		wool linings masonry	693.67	
textil architect.	725.41		<b>Mineralogy</b>	<b>549</b>	
woodworking	725.44		determinativ	549.1	
Milton, John Eng. poet.	821.47		of the Bible	220.8549	
<sup>1</sup> Milwaukee city, Wis. hist.	977.595		Minerals rock determina.	552.81	
<sup>1</sup> co. " "	977.594		Mines		
Mimeograf offis fittings	652		military engineering	623.26	
Mimetic arts	792		mining	622	
variation	591.155		ownership pol. econ.	333.8	
Mimetism comp. physiol.	612.0162		state control	351.823	
Mimicry " "	612.0162		suffocation in pub. safety	614.82	
social ethics	177.1		<sup>1</sup> Mingo co. W. Va. history	975.448	
Mind	150		Miniature books	099	
and body	130		Minatures painting	757	
child study	136.7		Minie ball small arms	623.4552	
cure therapeutics	615.851		Minima and maxima algeb.	512.3	
educational psychology	370.15		geom.	513.19	
in animals zoology	591.51		Minimum		
physiologic psychology	612.821		wage polit. econ.	331.215	
psychology	150		Mining		
readers' lives	920.9		companies min. engin'g	622.06	
reading mesmerism	134		dangers and accidents	622.8	
zoology	591.51		economic geology	553	
Mine			engineering	622	
cars engineering	622.63		engins steam eng.	621.13268	
fires	622.82		laws	622.007	
Run, campain U. S. hist.	973.7353		machinery, hydraulic	621.269	
surveying engineer'g	622.14		practical	622.2	
Mineplanters shipbilding	623.826		products polit. econ.	338.2	

Mining			Miscout of ballots	frauds	324.275
prospectuses	622.19		Misers, lives of		920.8
reports	622.009		Mishna	Judaism	296
Minisink	Amer. revol.	973.3353	Misrule, Spanish, in Cuba		
Minister	eccles. pol.	262.14	U. S. history.		973.891
Ministerial authority		262.8	Missals	catholic ritual	264.025
Ministers			illuminated		096
French government		354.4404	<sup>1</sup> Missaukee co. Mich.	hist.	977.466
German state	"	354.4308	Missing link	evolution	575.8
library propandism		021.76	Missionaries, lives of		922
lives of		922	Missionary Ridge, battle		973.7359
Ministration to sick and ded		265.8	schools		377.6
Ministries of state	architec.	725.12	Missions		
war	"	725.12	city		266
Ministry			home and foren		266
ecclesiastic polity		262.1	music for sacred music		783.7
German government		354.4306	parish		269
lay		262.14	Roman catholic		266.2
parish work		258	<sup>1</sup> Missisquoi co. Que.	hist.	971.462
religion		250	Mississippi		
Minnesingers	Ger. poetry	831.2	admission	U. S. hist.	973.54
Minnesota, U. S.			<sup>1</sup> history		976.2
admission	U. S. hist.	973.68	secession	U. S. hist.	973.713
<sup>1</sup> history		977.6	For military history of state, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89		
For military history, see 973.52476, 973.7476 and 973.89476			bubble	loan institutes	332.31
<sup>1</sup> Minorca	history	946.7	<sup>1</sup> co. Mo.	history	977.898
travels		914.67	river	description	917.7
Minority representation		324.223	discov.	U. S. hist.	973.16
Minors	law	347.6	valley	description	917.7
Minot, L.	Eng. poetry	821.14	Missouri		
<sup>5</sup> Minstrelsy	" "	821	admission	U.S.hist.	973.54
negro voc.mus.		784.7	compromise	" civ. war	973.7113
Mints	polit. economy	332.46	<sup>1</sup> history		977.8
Minute books	curiosa	099	For military history of state, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89		
Miocene period	geology	551.782	river	description	917.78
<sup>1</sup> Miquelon ilands, N. F.	hist.	971.8	<sup>1</sup> Mistassini co. Que.	hist.	971.411
Miracle plays			Mistral, F <sup>1</sup>	Provençal poet.	849.146
English literature		822.1	Mitchell, D. G.	Am. misc.	818.32
general history		809.2	<sup>1</sup> Mitchell co. Ia.	hist.	977.7234
religion		244	Mites	animal parasites	616.9685
theater		792	zoology		595.4
Miracles	doctrins	231.7	Mithradatic war	Rom. his.	937.05
New Testam't		226.7	Mithraic worship		295
postbiblical		231.7	Mitral valvs	anatomy	611.12642
Mirage	optics	535.3	Mitre	sacred ornaments	247.6
Mirrors	"	535.87	Mixing machinery	sewage	628.342
toilet		391	Mixt drinks	adulterations	614.349
Miscarriage	obstetrics	618.39	chem. tech.		663.8
Miscegenation	ethics	173.1	state	pol. sci.	321.02
hygiene		613.9			
law		347.6			
Miscellanies	see subjects				
<sup>5</sup> Miscellany	Eng. liter.	828			

Mnemonic derangements	132.8	Moisture	
Mnemonics	154.1	conditions of life	577.4
Moab ancient history	939.46	hygiene	613.14
Moabite stone	492.617	physical geografy	551.57
Moats fortifications	623.117	prevention in museums	579.83
<sup>1</sup> Moberly co. Mo. history	977.8281	soil public helth	614.772
Mobile, Ala.		therapeutics	615.833
bay		Molar pregnancy	618.39
U.S.civ. war	973.7372	Molasses chem. technol.	664.1
nav. his.	" 973.754	Molbeck, C. K. F. Dan. lit.	839.8265
campain	" 973.7388	Mold fungi	589.2
Mobs administration	351.752	loft shipbilding	623.83
Mocking birds care of	636.6	<sup>1</sup> Moldavia, Turkey history	949.8
zoology	598.8	Molding metal manufac.	671
Model		Moldings	
tanks shipbilding	623.83	architecture	729.31
Modeling elem. educ.	372.53	carvd arch. decoration	729.55
sculpture	731	painted " "	729.45
Models art study	707	<b>Molecular physics</b>	<b>539</b>
<sup>1</sup> Modena history	945.4	structure	539.1
travel	914.54	Molecules	
Modern		displacement of	539.5
analytic geometry	516.5	theoretic chemistry	541.2
architecture	724	Moles zoology	599.3
church history	270.8	Molière, J. B.P. Fr. drama	842.42
costumes and customs	390	Molina, T. de Span. "	862.33
dance music	786.46	<sup>1</sup> Moline, Ill. history	977.339
European history	940.5	Molinists heresies	273.7
geometry	513.5	persecution	272.5
Greek language	489	Molino del Rey, battle	973.6239
literature	889	<sup>1</sup> Molise, Italy history	945.71
history	940-999	<b>Mollusca paleontology</b>	<b>564</b>
<sup>4</sup> Persian languages	491.55	zoology	594
philosofers	190	<b>Molluscoidea</b>	<b>594.6</b>
lives	921	Mollusks fisheries	639.4
Sabbath theology	263.2	Molly Maguires	
sculpture	735	labor organizations	331.88
Modesty ethics	179.9	Molting embryology	561.34
<sup>1</sup> Modoc co. Cal. hist.	979.423	<sup>1</sup> Moluccas history	991.3
indian war U.S.hist.	973.82	Molybdates mineralogy	549.74
Modulus of mach. physics	531.43	Molybdenum chemistry	546.77
Moesia ancient history	939.88	Molza, F. M. Ital. fiction	853.33
Moguls Indian "	954	poetry	851.34
locomotivs	621.13262	Moments statics	531.23
Mohair dom. econ.	646.13	<b>Monachism theology</b>	<b>271</b>
manufactures	677	<sup>1</sup> Monaco history	944.94
Mohammedan architecture	723.3	<sup>1</sup> Monaghan, Ireland hist.	941.67
biografy	922.97	Monarch Eng. government	354.4203
cookery	641.567	Monarchic institutions	321.6
Mohammedanism	297	Monarchs	
Mohawk		biografy	923.1
indians	970.3	of states Ger. gov't	354.4307
vallev massacre		Monarchy, absolute	321.6
Am. rev.	973.3345	constitutional	321.7

Monasteries	architecture	726.7	Monorail		
	theology	271	rolling stock	engin'g	625.28
Monastic			tracks	"	625.146
orders		271	Monosaccharids	nutrition	612.39613
schools	education	377.3	Monotony vs variety of		
Monasticism		271	library work		023.701
Mondolingue	univ. lang.	408.9	Monotremata	mammals	599.1
Monetary congresses		332.44	Monotropeæ	botany	583.63
Money		332	Monroe, James	presidency	973.54
administration		351.822	<sup>1</sup> Monroe Ind.	history	977.225
deposit by lib. borrower		024.14		travels	917.7225
making	commerce	658	<sup>1</sup> co. Ill.	history	977.391
	ethics	174.4	<sup>1</sup> Ia.	"	977.7865
paper		332.5	<sup>1</sup> Mich.	"	977.432
prize	military science	355.13	<sup>1</sup> Mo.	"	977.8325
soliciting	library rules	023.93	<sup>1</sup> N. Y.	"	974.788
<sup>1</sup> Mongolia, China	history	951.7	<sup>1</sup> O.	"	977.196
Mongolian languages		495	<sup>1</sup> Pa.	"	974.825
Mongols	history	950	<sup>1</sup> W. Va.	"	975.478
	Russian history	947.03	<sup>1</sup> Wis.	"	977.554
Monimiaceæ	botany	583.928		doctrin foren relations	327.73
Monism	philosofy	147		U. S. history	973.54
<sup>1</sup> Moniteau co. Mo.	history	977.852	Monro's foramen	anat.	611.8148
Monitor			Mons veneris	"	611.6731
and Merrimac	U. S. hist.	973.7324	Monsoons	meteorology	551.51
naval history	"	973.752	Monsters, fabulous		398.4
Monitorial system of educ.		371.41	Monstrosities		
Monitors			animal		591.159
school government		371.57	human anatomy		611.012
warships	naval eng.	623.825	natural hist. of man		573.9
Monkeys	zoology	599.8	vegetable teratology		581.22
Monks	religious orders	271	variation		581.159
Monmouth			Mont Blanc	travels	914.449
battle	Amer. revol.	973.3342		Cenis tunnel	622.26
<sup>1</sup> co. England		942.43	Montagu, Mrs E..	Eng. let.	826.62
<sup>1</sup> N. J.	history	974.946		M. Lady " "	826.51
Monmouth's rebellion		942.067	Montaigne, M.E.de	Fr. lit.	844.31
<sup>1</sup> Mono co. Cal.	hist.	979.448	Montana, U. S.		
Monocacy, Md			admission	U. S. history	973.86
battle	U. S. civ. war	973.7369	<sup>1</sup> history		978.6
Monocotyledonæ	botany	584	military hist.	Span. war	973.89486
Monogamy	family ethics	173.2		U.S.civ. war	973.7486
	hygiene	613.89	Montanism	heresies	273.9
Monograms	design	745	<sup>1</sup> Montcalm co. Mich.	hist.	977.453
Monoliths	prehist. arch.	571.94		Que. "	971.441
Monomania	insanity	132.1	Montemayor, Jorge de		863.31
<sup>1</sup> Monona co. Ia.	hist.	977.744	<sup>1</sup> Montenegro	history	949.7
<sup>1</sup> Monongahela val. W. Va.	hist	975.451	Monterey, battle	Mex. war	973.6235
<sup>1</sup> Monongalia co. W. Va.	"	975.452	<sup>1</sup>	co. Cal. hist.	979.476
Monoplanes			Montesquieu	Fr. essays	844.52
aeronautics		629.173	Montgolfier ram	hyd. eng.	621.272
Monopolies	trade	338.8	Montgolfières		
	state finance	336.19	aeronautics		629.151

Montgomery				
<sup>1</sup> co. Ill.	history	977.382		
<sup>1</sup> Ind.	"	977.248		
<sup>1</sup> Ia.	"	977.775		
<sup>1</sup> Md.	"	975.284		
<sup>1</sup> Mo.	"	977.838		
<sup>1</sup> N. Y.	"	974.746		
<sup>1</sup> O.	"	977.172		
<sup>1</sup> Pa.	"	974.812		
Fort Amer. revol.		973.3335		
<sup>1</sup> Wales	history	942.94		
Montgomery's				
Canada expd.	Am. rev.	973.3315		
glands	anatomy	611.691		
Months, names of		529.2		
Monti, Vincenzo	Ital. poet.	851.64		
<sup>1</sup> Montmagny co. Que.	hist.	971.4735		
<sup>1</sup> Montmorency co. Mich.	"	977.483		
<sup>1</sup> Que.	"	971.448		
<sup>1</sup> Montour co. Pa.	"	974.839		
<sup>1</sup> Montreal, Que.	"	971.4281		
	travel	917.14281		
Monts de piété				
	loan institutes	332.23		
	state control	351.825		
Monuments				
American revolution		973.365		
antiquities		913		
cemeteries		718		
prehistoric		571.9		
U. S. civil war		973.765		
<sup>3</sup> Moods, signs of	Eng.	422.8		
<sup>3</sup> syntax	Eng.	425.8		
Moon				
astronomy		523.3		
charts		523.39		
effect on tides		525.62		
maps	observations	524.3		
observation of		523.39		
type	printing for blind	655.38		
Moore				
Edward	Eng. essays	824.61		
Thomas	" poetry	821.75		
lamp elec. lighting		621.3275		
Moorish				
architecture		723.3		
kingdom	Span. hist.	946.02		
Moors, expulsion of	" "	946.03		
Moot courts		340.7		
Mootan language		491.41		
Moraines	glaciers	551.32		
Moral				
agency, free	doc. theol.	233.7		
education		377		
Moral				
expectations	probabil.	519.2		
government in schools		371.58		
heredity	metaphysics	129.2		
	theology	233.3		
philosophy		170		
science	ethics	170		
sentiment	"	171.2		
systems		171		
Morals				
and church		261.4		
history of	ethics	170.9		
laboring classes	pol. econ.	331.84		
of the press	ethics	179.1		
	journalism	070.11		
	war	ethics	172.4	
Moratin, L.F. de	Span. dram.	862.42		
	N.F. de " poet.	861.41		
<sup>1</sup> Moravia	history	943.72		
Moravian brethren	sects	284.6		
<sup>4</sup> language		491.87		
	missions	266.46		
Morbid anatomy		616.078		
	habits	hygiene	613.87	
<sup>1</sup> Morbihan, France	hist.	944.13		
More, T:	English fiction	823.2		
<sup>1</sup> Morea	history	949.5		
<sup>1</sup> Morelos, Mex.	"	972.4		
<sup>1</sup> Moresnet	history	949.3		
	travels	914.93		
Moreto y Cabaña, A.		862.37		
Morfogeny	nervous system	612.8013		
	physiology	612.605		
Morfology				
animals		591.4		
comparativ	philology	415		
<sup>3</sup> English language		425.1		
physiologic				
of intestin		612.335		
leucocytes		612.1129		
milk		612.6645		
muscles		612.7419		
nervous stimulation		612.815		
optic nerv		612.84315		
pancreas		612.345		
salivary glands		612.3135		
secretions		612.409		
stomach		612.325		
swet		612.7925		
plants		581.4		
Morgagni's hydatids	anat.	611.633		
<sup>1</sup> Morgan co. Ill.	history	977.346		
<sup>1</sup> Ind.	"	977.251		
<sup>1</sup> Mo.	"	977.853		

<sup>1</sup> Morgan co. O	history	977.194	Mosaic		
<sup>1</sup> W. Va.	"	975.496	law	Old Testament	222.1
Morganatic marriage			windows, architec.	decor.	729.85
customs		392.6	work		747
ethics		173.1	Mosaics		
Morgan's Ohio raid		973.734 <sup>2</sup>	architectural decoration		729.7
<sup>1</sup> Morgantown, W. Va.	hist.	975.453	floors and flooring		721.67
Moringeæ	botany	583.299	religious ornaments		247.4
Mörk, J. H.	Swed. fiction	839.734 <sup>1</sup>	Moscherosch, J.; M.	Ger. sat.	837.51
Mormonism		298	<sup>1</sup> Moscow	history	947.3
Mormons	biography	922.98	travel		914.73
Morning prayer			<sup>1</sup> Moselle, France	history	944.38
Anglican ritual		264.033	Mosenthal, S. H.	Ger. dram.	832.82
family devotions		249	Moslems		297
personal religion		248	Mosques	architecture	726.2
<sup>1</sup> Morocco	history	964	<sup>1</sup> Mosquito shore, Cent. Am.		972.85
travel		916.4	Mosquitoes	animal parasites	591.69
Morphin habit	ethics	178.8	parasitic dis.		616.968 <sup>1</sup>
Morphogeny			public helth		614.43
nervous system		612.8013	zoology		595.77
physiology		612.605	Mosses	botany	588.2
Morris, W.	Eng. poetry	821.85	sea	algæ	589.3
Morris			Motet	sacred music	783.4
<sup>1</sup> co. N. J.	history	974.974	Moth, gipsy		632
iland, S. C.	U.S. civ. war	973.735 <sup>1</sup>	Mother		
Morristown, N. J.	Am. rev.	973.367	ethics		173.5
<sup>1</sup> Morrow co. O.	history	977.1516	Goose	folklore	398.3
Morse automatic telegraf		621.3824 <sup>1</sup>	maternity		618
code elec.	"	621.38215 <sup>1</sup>	tung	elem. educ.	372.61
Mortality			Mothers pensions		362.6
law of	insurance	368.3	Moths	agriculture	632
statistics		312	dom. econ.		648.7
pub. helth		614.12	econom. zoology		591.68
Mortar			zoology		595.78
bilding material		691.5	Motion		
engineering		620.15	beginnings of	biology	576.4
mounts	ordnance	623.4323	composition of	physics	531.22
Mortars			in medicin	massage	615.82
chemic apparatus		542.22	laws of	astronomy	521.11
technology		666.9	metaphysics		116
ordnance		623.4214	of earth	astronomy	525.3
prehistoric archeology		571.27	liquids	hydraulics	532.5
Mortgage companies		332.31	plants	botany	581.5
Mortgages	law	347.2	sap in plants	botany	581.11
Mortification	surgery	617.25	solar system		523.24
Mortmain	law	347.2	perpetual	mechanics	531.8
Morton's Ford, Va.			pure	physics	531.1
U. S. civil war		973.7362	rectilinear	"	531.31
Mortuary			Motor		
bildings	architecture	726.8	apparatus	physiology	612.7
customs		393	bicycle		629.2
designs	sacred ornam'ts	247.3	boats, small		623.823
statistics	population	312	cars	elec. traction	621.3343
registration		614.12	converters	elec. eng.	621.31357

Motor			Mountains		
electric traction		621.3344	natural boundaries		320.1282
engins, <i>see</i> Motors			physical geograpy		551.43
panels elec. eng.		621.31723	volcanic		551.21
system anatomy		611.7	Mounting specimens		579.5
physiology		612.7	telescopes		522.25
surgery		617.47	Mounts ordnance		623.43
terminations of nervs		611.018861	Mourning customs		393.9
vehicles		629.2	Mouse traps		648.7
Motor dynamos elec. eng.		621.31326	Mouth		
Motoroculi			anatomy		611.31
nerv anatomy		611.8313	diseases		616.31
eye		612.8463	glands anatomy		611.3161
physiology		612.8193	in speech physiol.		612.7891
external, <i>see</i> Sixth nerv			muscles anatomy		611.7326
nucleus anatomy		611.8155	physiology		612.31
Motors			primitiv embryology		611.01334
aerostation engin'g		629.163	surgery		617.52
aviation "		629.183	Movable bookcases		022.433
direct current elec. eng.		621.31324	bridges civil eng.		624.8
induction " "		621.31364	mil. "		623.65
repulsion " "		621.31366	Movables chattels		347.3
series " "		621.31365	Movement		
synchronous " "		621.31344	and sensibility physiol.		612.8114
Motory organs animals		591.47	cure therapeutics		615.82
Mottos college		378.27	inhibition of phys. psy.		612.82134
<sup>5</sup> Eng. literature		828	muscular animal heat		612.532
Mould fungi		589.2	Movements		
Moulding, <i>see</i> Molding			associated phys. psych.		612.82135
Moulting embryology		591.34	of brain physiology		612.8242
<sup>1</sup> Moultrie co. Ill. history		977.367	eye physiology		612.846
Fort, battle Am. revol.		973.3328	intestin "		612.337
Moundbilders prehist. arch		571.91	large intestin "		612.367
U. S. history		973.1	plants botany		581.5
Mounds prehistoric arch		571.9	special physiology		612.763
Mountain			stomach "		612.327
artillery mil. eng.		623.413	Moving sidewalks		621.8675
climbing hygiene		613.72	stairs		621.8676
sports		796	Mowatt, A. C. Am. dram.		812.31
cottages architecture		728.7	Mowers agriculture		633
<sup>1</sup> counties W. Va. history		975.48	<sup>1</sup> Mozambique history		967.9
engins steam engin'g		621.13267	Mucilage manufacture		668.4
guns gunnery		623.551	Muck fertilizers agric.		631.871
mounts ordnance		623.431	Mucous		
railways		625.3	membranes, absorp. by		612.387
resorts hygiene		613.12	admin. of med.		615.66
sickness physiology		612.27511	histology		611.01873
Mountaineering hygiene		613.72	physiology		612.38
sports		796	secretion animals		591.141
Mountains			tissue histology		611.01825
attraction of geodesy		526.14	Mud architecture		693.22
in moon		523.34	iland Amer. revol.		973.3337
mesurement of		551.53	Mudie's circulat'g libraries		027.342
			Muffles, elec. prac. chem.		542.47



Muggletonians sects	289.9	<sup>1</sup> Murcia, Spain history	946.7
Muhammedans	297	Murder criminal law	343
Mulberry fruit culture	634.3	Murfreesboro, Tenn.	
silk	638.2	U. S. civ. war	973.7337
Mule domestic animals	636.1	Murmurs	
zoology	599.7	arterial physiology	612.133
Müller, F. P. Dan. poetry	839.8167	cardiac	612.1715
Müller's duct anatomy	611.669	muscle	612.7418
Multangulum majus, os	611.71775	Murneer, T: Ger. satire	837.41
minus, os	611.71776	Murray cattle disease	619.2
Multifidus muscle anat.	611.73165	Murray printing telegraf	621.38255
Multimember		<sup>1</sup> Muscataine city, Ia. hist.	977.7681
constituency suffrage	324.222	<sup>1</sup> co. " "	977.768
Multiovilatæ		Musci botany	588.2
aquaticæ botany	583.92	Muscle histology	611.0186
terrestres "	583.922	reading	134
Multiplane		wave physiology	612.7413
aircraft engin'g	629.173	Muscles	
Multiple		anatomy	611.73
integrals calculus	517.34	chemic composition of	612.744
pregnancy obstetrics	618.25	diseases of	616.74
stars astronomy	523.84	effect of nervs on	612.817
unit control elec. tract.	621.3344	glycogen of physiology	612.35218
Multiplex telegrafs		of eye, external anat.	611.8461
communication	654.2	larynx "	611.229
electric engineering	621.38235	physiology	612.7
Multispeed motors eng.	621.313246	structure anatomy	611.73
Mummies	393.3	Muscular	
Mumps diseases	616.31	arteries anatomy	611.1342
public helth	614.544	contraction chem. effects	612.7442
Munch, P. A. Dan. essays	839.8464	physiology	612.741
Münch-Bellinghausen E.F.J.	832.75	disorders eye diseases	617.76
<sup>1</sup> Muncie, Ind. history	977.265	exercise hygiene	613.72
<sup>1</sup> Munich	943.36	movem't and animal heat	612.532
travels	914.336	respiration	612.2271
Municipal		sense, localization of	612.82558
bonds polit. economy	332.6	mental faculties	152.6
civil servis	352.005	physiology	612.885
corporations admin.	352	system anatomy	611.73
law	347.1	physiology	612.7
engineering loc. gov't	352.5	tissue histology	611.0186
government admin.	352	Museum	
laundries dom. econ.	648.1	library bildings	022.655
law admin.	352	material lib. adminis.	025.179
statutes	340	Museums	
Municipalities admin.	352	and libraries	021.46
Munitions of war mil. eng.	623.4	architecture	727.6
Munson shorthand	653.62	arrangement of specimens	579.7
<sup>1</sup> Munster, Ireland history	941.9	art fine arts	708
Muntaner, R. Catalan misc.	849.9813	state control	351.853
Mural		education	370.74
circles astron. instrum.	522.32	general	060
decorations architec.	729	medical	610.77
Muratori, L. A. Ital. essays	854.56	of domestic science	640.74

Museums			Mutual	
school equipment	371.65		action of planets	521.41
rooms	371.622		aid societies pol. econ.	334.7
scientific natur. science	507		benefit soc. state control	351.825
Sunday opening	263.7		insurance pol. econ.	334.3
other museums see subject			system education	371.41
Mushrooms	botany	589.22	Muzzleloading ordnance	623.4221
	culture	635.8	small arms	623.4421
	food	641.358	Mycenæ ancient history	938.8
Music			Mycetozoa botany	589.29
art	780		<b>Mycology</b> botany	589.2
biography	927.8		Mydriatics physiology	612.8424
box mech. instrum'ts	789.8		therapeutics	615.784
copyright	655.62		<b>Myel</b> anatomy	611.82
ecclesiology	246.7-8		<b>Myelencefal</b> "	611.818
halls architecture	725.81		<b>Myelencephalon</b> "	611.818
library administration	025.178		Myelin histology	611.018834
public worship	264.2		Mylohyoid muscles anat.	611.7346
room domestic econ.	645.69		Myocardium "	611.127
library bildings	022.659		Myodynamics physiol.	612.7
therapeutics	615.837		<b>Myograpy</b> physiology	612.7411
U. S. history civil war	973.798		<b>Myology</b> anatomy	611.73
revolution	973.398		Myopia eye diseases	617.75
war of 1812	973.5298		physiology	612.8451
Musical			Myoporineæ botany	583.871
form	781.5		Myosin nutrition	612.398132
instruments	780		Myotometry physiology	612.7414
acoustics	534.85		Myrana univ. language	408.9
schools	371.632		Myricaceæ botany	583.974
sensations physiology	612.85874		Myriopoda zoology	595.6
sounds acoustics	534.3		Myristiceæ botany	583.927
Musicians biography	927.8		Myrsineæ "	583.677
<sup>1</sup> Muskegon city, Mich. hist.	977.457		Myrtaceæ "	583.42
<sup>1</sup> co. " "	977.457		Myrtaceous fruits agric.	634.42
Musketoons small arms	623.442		<b>Myrtales</b> botany	583.4
Muskets manufacture	683		Myrtle family fruit culture	634.42
small arms	623.442		Mysia ancient history	939.21
<sup>1</sup> Muskingum co. O. hist.	977.191		<sup>1</sup> Mysore, India history	954.8
<sup>1</sup> Muskoka dist. Ont. "	971.316		Mysteries	
lakes " trav.	917.1316		drama, see Mystery plays	
Muspilli Ger. poetry	831.14		occultism	133
Musquitos, see Mosquitoes			<b>Mystery plays</b> Eng. lit.	822.1
Mussels culture	639.4		history	809.2
zoology	594.1		religion	244
Musset, L. C. A. de Fr. dram.	842.76		theater	792
poet.	841.77		Mystic philosophers	189.5
Mustard emetics	615.731		Mysticism heresies	273.2
Mustelidæ zoology	599.7		philosophy	149.3
Muster rolls	355		Mystics medieval	189.5
Mutilations			Mythical Greek history	938.01
of library books	024.82		Mythology	
war customs	399		comparativ	291
Mutiny maritime law	347.7		German	293
of Penn. line Am. revol.	973.349		Greek and Roman	292

Mythology			N rays	mesology	612.014483
Norse		293	Nabatheans	ancient hist.	939.46
<b>Myths</b>		<b>291</b>	Nævius, Cnæus	Lat. dram.	872.2
Myxedema	diseases	616.997	Nahum	Bible	224.94
Myxomycetes	botany	589.29	Naiadaceæ	botany	584.74
			Nails	anatomy	611.786
				physiology	612.799
				strength of materials	620.11287
			<sup>1</sup> Nairn, Scotland	history	941.22
			Names		
			misspeld lib. access.dep't		025.232
			of days of week		529.2
			months		529.2
			persons and places		929.4
			<sup>1</sup> Nantes	history	944.14
				travels	914.414
				edict of relig. hist.	272.4
			<sup>1</sup> Nantucket co. Mass.	"	974.49
			<sup>1</sup> Napa co. Cal.	hist.	979.419
			Naphtha	chem. tech.	665.5
				domestic fuel	644.23
			Naphthalene	organ. chem.	547.28
			<sup>1</sup> Napierville co. Que.	hist.	971.435
			Napkins	customs	394.1
				dom. econ.	642.7
			<sup>1</sup> Naples, Italy	history	945.7
			<sup>1</sup> city, "	"	945.73
				travel	914.573
			Napoleon		
			1	Fr. hist. first consul.	944.046
				" " " emp.	944.05
			3	French history	944.07
				code law	349.442
			Napoleonic		
			period	Europ. history	940.8
			wars	Ger. "	943.06
				Russ. "	947.07
				Scand. "	948.06
			<sup>1</sup> Napoli, Italy	history	945.73
			Narcotic habit		178.8
				poisons therapeut.	615.96
			Narcotics		
			action of	hygiene	613.8
			and stimulants	ethics	178
			moral use of		178.8
			therapeutics		615.78
			Nardi, Jacopo	Ital. essays	854.32
			Narrowgauge railways		625.1
			Nasal		
			bone	anatomy	611.7158
			cavity	"	611.7147
				in speech physiol.	612.7891
			duct	anatomy	611.8469
			passages	"	611.21

Nasal			Nativ American party	329.5
pharynx	anatomy	611.3271	elements	mineralogy 549.2
tonsils	"	611.326	Natural	
Nasby, P. V.	Am. humor	817.42	body	doctrinal theol. 233.5
Nashville, Tenn.	U.S.civ.war	973.7379	boundaries	pol. sci. 320.1281
Nasmith societies		267.232	draft	steam engin'g 621.18382
Naso-pharyngeal			drainage	mining 622.52
space	diseases of	616.21	gas	chem. technology 662.6
<sup>1</sup> Nassau co. N. Y.	hist.	974.7245		econom. geology 553.28
<sup>1</sup> Natal, Africa	history	968.4		heating 697.6
Natatores	birds	598.4	history, biblical	220.85
Natatoriums	architecture	725.74	collectors handbks	579
Nates	anatomy	611.9812	museums	507
muscles	"	611.7381	of countries	508.3
Nation	political science	320.12	man	573
National			zoology	590
aid to education		379.12	law	science 501
and state universities		378		sociology 340.1
policy		379.16	light	shadows 515.63
assembly 1789-92	Fr.hist.	944.041	magic	133
1871	" "	944.08	philosofy	530
ass'n Mex. war veterans		369.146	religion	210
naval veterans		369.157	rights	political science 323.4
bank, U. S.	U. S. hist.	973.41	rock	fertilizers agric. 631.851
banks		332.11	science	500
cemeteries		719	selection	evolution 575.4
churches vs organ. unity		261.8	physiology	612.609
conservation		333	stone	building material 691.2
cookery		641.59	engin'g	" 620.132
costumes		391	system of botany	580.1
customs, special		390	theology	210
decay	political science	320.159	ventilation	mining 622.42
det	finance	336.3	water courses, hygiene of	614.772
electric code		621.3281	Naturalists	biografy 925.9
flowers	heraldry	929.6	Naturalization	325.1
growth	political science	320.159	suffrage	323.62
libraries		027.5	Nature	500
music		786.45	law of	science 501
parks		711		sociology 340.1
politics	England	329.942	metaphysics	113
U. S.		329	of being	metaphysics 111
resources	conservation	333	respiration	animals 591.121
school supervision		379.151	the state	pol. sci. 320.15
soldiers' cemeteries		719	printing	655.37
songs	music	784.4	study	biology 570.7
Nationalities				elem. educ. 372.35
internal relations		323.1	general	507
special education		371.98	unity of	metaphysics 110
suffrage		324.15	science	501
Nationalization of land		333.1	Nautical astronomy	527
Nations			surveying	526.99
law of	internat. law	341	Naval	
origin of		901	and military order of	
rise of	Europ. history	940.2	Spanish-Amer. war	369.183

- Nával  
 architecture engin'g 623.8  
 artillery military " 623.418  
 battles 359  
 see also special countries  
 biografy 923.5  
 engineering 623.8  
 gunnery 623.553  
 history 359.09  
   U.S. civil war 973.75  
       Mex. " 973.625  
       revolution 973.35  
       Span. war 973.895  
       war of 1812 973.525  
 hygiene 613.68  
 men, lives of 923.5  
 mounts ordnance 623.434  
 order of the U. S. 369.117  
 see also special countries  
 ordnance 623.416  
 registers foren 354  
   U. S. 353.7  
 schools 359.07  
 science 359  
 shipbiling 623.8  
 stations, U. S. 353.7  
 surgery 617.99  
 surveying 526.99  
 veterans, national ass'n 369.157  
 war 359  
<sup>1</sup>Navarre history 946.5  
   travels 914.65  
 Navicular bones, carpal 611.71771  
   tarsal 611.71876  
 Navies 359  
 Navigation  
 acts Amer. revol. 973.3112  
 aerial, see Aerial navigation  
 astronomy 527  
 laws 347.7  
 outfit shipbiling 623.86  
 signals in communicat. 654.9  
   physics 534.83  
 useful arts 656  
<sup>1</sup>Navigator ilands history 996.1  
 Navigators' lives 923.9  
 Navy  
 administration 359  
 cookery 641.573  
 department, U. S. 353.7  
 Neal, John Am. fiction 813.26  
   J. C. " satire 817.31  
 Neap tides earth 525.63  
 Nearsightedness medicin 617.75  
 Nearsightedness schools 371.72  
 Nebraska, U. S.  
 admission U. S. hist. 973.81  
<sup>1</sup> history 978.2  
   Kansas-, bill U. S. hist. 973.66  
   mil. hist. U. S. civil war 973.7482  
       Span. " 973.89482  
 Nebulæ astronomy 523.85  
 Nebular hypothesis " 523.12  
 Necessity metaphysics 123  
 Neck  
 anatomy 611.93  
 lymphatic glands anat. 611.463  
 lymphatics of " 611.4213  
 muscles " 611.733  
 surgery 617.53  
 Necks geology 551.88  
 Neckties toilet 646.48  
 Necrology biografy 920  
   colleges 378  
 Necromancers 133.4  
 Necroscopy 616.079  
 Necrosis diseases 616.71  
 Needle telegraf commun. 654.3  
   elec. eng. 621.38224  
 Needlework art 746  
   dom. econ. 646.2  
 Negligée toilet 646.47  
 Negro  
 conditions in U. S. 325.26  
 education 371.974  
 mental characteristics 136.4  
 race ethnology 572.96  
   nat. hist. of man 573.5  
   political standing 324.1  
 servants dom. econ. 647.24  
 slavery 326  
 songs music 784.7  
 suffrage pol. sci. 323.15  
   U. S. hist. 973.81  
 troops U. S. civ. war 973.7415  
 Negroes Y. M. C. A. 267.365  
 Nehemiah Bible 222.8  
 Neighborhood gilds  
   social clubs 367  
<sup>1</sup>Nejd, Arabia history 953.8  
 Nelli, Pietro Ital. satire 857.41  
 Nematoda parasit. dis. 616.965  
 Nemean games Gk antiq. 913.38  
 Neocene period geology 551.782  
 Neodymium chemistry 546.64  
 Néo-Grec architecture 724.63  
 Neolithic age prehis. arch. 571.2  
 Neology rationalism 211  
 Neon inorganic chem. 546.292

Neoplasms			
pathology	616.992		
physiology	612.6054		
Neoplatonism	186.4		
Neoplatonists, apolog. ag'st	239.4		
Neostyle offis equipment	652		
<sup>1</sup> Nepal history	954.2		
travel	915.42		
<b>Nepenthaceæ botany</b>	<b>583.922</b>		
Nephrotomy surgery	617.46		
Nepos, Cornelius Lat. his.	878.3		
Nepotism civil servis	351.1		
Neptune descrip. astron.	523.48		
Nernst lamps elec. light	621.32653		
Nerv			
cells histology	611.01882		
physiology	612.822		
centers			
function in speech	612.7893		
physiology	612.82		
superior reflexes	612.8338		
fatigue physiology	612.8166		
fibers "	612.81		
roots, spinal anat.	611.827		
waves rapidity	612.8165		
theories	612.8162		
Nervous			
conductibility	612.8163		
functions of animals	591.18		
physiology	612.8		
prostration	616.843		
system			
action			
of glands on	612.407		
on bloodvessels	612.181		
cutaneous exhala.	612.7928		
glands	612.408		
intestin	612.338		
liver	612.358		
muscles	612.81		
pancreas	612.348		
stomach	612.328		
and metabolism	612.01538		
nitrogen excretion	612.461238		
central physiology	612.82		
comparativ anatomy	591.48		
descriptiv anatomy	591.78		
diseases of	616.8		
drugs acting on	615.78		
human anatomy	611.8		
physiology	612.8		
hygiene	613.8		
pathology	616.8		
surgical operations	617.48		
Nervous			
system			
sympathet. anatomy	611.839		
physiol.	612.89		
tissue histology	611.01888		
Nervs			
anatomy	611.83		
diseases of	616.87		
histology	611.01883		
nutritiv influ. on muscle	612.7465		
of skin, trofic physiol.	612.798		
peripheral "	612.81		
spinal anatomy	611.832		
Nestorian church	281.8		
<sup>1</sup> Netherlands history	949.2		
reform'n in	274.92		
travels	914.92		
Nets for collectors biology	579.612		
Netting, balloon	629.161		
Nettlerash skin diseases	616.51		
Neural furrows anat.	611.01351		
Neuralgia diseases	616.87		
Neurasthenia "	616.843		
Neurenteric canal embry.	611.01336		
Neurilemma histology	611.018833		
Neuritis diseases	616.87		
Neuroglia histology	611.01884		
Neurology			
morfology	591.48		
organografy	591.78		
physiologic zoology	591.18		
Neuroptera insects	595.74		
Neuroses			
diseases	616.85		
due to special poisons	616.86		
Neurotic			
poisons toxicology	615.95		
Neuters physiologic zool.	591.162		
Neutrality			
international law	341.3		
proclamation U. S. hist.	973.43		
Nevada, U. S.			
acquisition Mex. war	973.621		
admission U. S. hist.	973.71		
<sup>1</sup> history	979.3		
mil. hist. Spanish war	973.89493		
U. S. civil war	973.7493		
<sup>1</sup> co. Cal. hist.	979.437		
New			
<sup>1</sup> Albany, Ind. history	977.219		
Berne, N. C. U.S.civ.war	973.7362		
books, cases for lib. econ.	022.482		
<sup>1</sup> Britain, Australa. hist.	993.6		
<sup>1</sup> Brunswick, Can. "	971.5		

- New
- <sup>1</sup> Brunswick, N. J. hist. 974.942
- <sup>1</sup> Caledonia, Australa. " 993.2
- <sup>1</sup> Castile, Spain " 946.4  
travels 914.64  
church, Swedenborgian 289.4  
biog. 922.84
- <sup>1</sup> England, U. S. history 974  
campaign  
1779 Amer. revol. 973.335<sup>1</sup>  
war of 1812 973.5233  
For military history of New  
England or its individual  
states, see subdivisions of  
Special campaigns and Military  
history under 973.3, 973.7  
and 973.89
- <sup>1</sup> France, Canada history 971  
travels 917.1
- <sup>1</sup> Granada, S. A. history 986
- <sup>1</sup> Guinea " 995
- <sup>1</sup> Hampshire, U. S. " 974.2  
For military history see 973.3442,  
973.7442 and 973.89442
- <sup>1</sup> Haven, city, Conn. hist. 974.68  
co. Conn. " 974.67
- <sup>1</sup> Hebrides, Australia. " 993.4
- <sup>1</sup> Holland, Australia " 994
- <sup>1</sup> Ireland, Australa. " 993.6
- <sup>1</sup> Jersey, U. S. " 974.9  
For military history, see sub-  
divisions of Special campaigns  
and Military history under  
973.3, 973.7 and 973.89
- Jerusalem church 289.4
- <sup>1</sup> London co. Ct. history 974.65
- <sup>1</sup> Madrid co. Mo. " 977.8985
- Market, Va. U.S.civ.war 973.7369
- Mexico, U. S.  
discov. of America 973.16  
history 978.9  
Kearney in Mex. war 973.623<sup>1</sup>  
For military history, see sub-  
divisions of Special campaigns  
and Military history under  
973.7 and 973.89
- Orleans, La.  
battle U.S. war 1812 973.5239  
capture civ. war 973.732<sup>1</sup>  
exposition 606  
history 976.3  
nav.hist. U.S.civ.war 973.752  
travels 917.63
- Platonism 186
- Plymouth colony hist. 974.4
- <sup>1</sup> River valley, W. Va. " 975.47
- <sup>1</sup> South Wales " 994.4
- <sup>1</sup> Sweden, Penn. " 974.8
- Testament Bible 225
- New
- Testament biography 225.92  
Greek dialects 487.3
- thought 131
- year customs 394
- <sup>1</sup> York, U. S. history 974.7  
For military history of state, see  
subdivisions of Special campaigns  
and Military history under  
973.3, 973.52, 973.7 and 973.89
- city Brit. occupa. 973.3323  
evacuation 973.339
- <sup>1</sup> history 974.71  
travels 917.47<sup>1</sup>
- <sup>1</sup> vicinage hist. 974.72  
point system 655.38  
soc. of 2d war w. Gt. Br. 369.144  
Univ. of the State of 379.747
- <sup>1</sup> Zealand history 993.1
- <sup>1</sup> Newark, N. J. " 974.932
- <sup>1</sup> O. " 977.154<sup>1</sup>
- <sup>1</sup> Newaygo co. Mich. " 977.458
- Newborn  
care of 618.6  
nourishment of physiol. 612.3942  
physiology 612.648
- Newburg  
addresses Am. revol. 973.349  
Washington's headquar. 973.367
- <sup>1</sup> Newcastle co. Del. hist. 975.11
- <sup>1</sup> Newfoundland " 971.8
- <sup>1</sup> Newport city, R. I. hist. 974.57  
travels 917.457
- <sup>1</sup> co. R. I. hist. 974.56  
French fleet at  
Amer. revol. 973.354
- Newspaper  
cuttings preservation 029.3  
directories 016.07  
racks lib. econ. 022.935  
reporting shorthand 653.044
- Newspapers  
ethics 179.1  
journalism 070  
legislativ supplies 328.364  
library administration 025.1732  
mutilation in libraries 024.84
- Newsrooms  
free 027.9  
library bildings 022.6332  
location of branch 022.17
- Newt zoology 598.11
- <sup>1</sup> Newton co. Ind history 977.297
- <sup>1</sup> Mo. " 977.873
- Newton's binomial theorem 512.4

Ngami, lake	travel	916.76	Nirvana	oriental philosophy	181.4
Niagara			Nisard, J: M. N. D.		844.77
<sup>1</sup> co. N. Y.	history	974.798	Nissl's bodies	histology	611.01882
<sup>1</sup> Falls, N. Y.	"	974.799	Nitrates	chem. tech.	661.6
Ft. capture	war of 1812	973.5234		fertilizers	631.842
Nibelungenlied	Ger. poet.	831.21		mineralogy	549.72
Nicaragua			Nitric acid	chemic tech.	661.2
canal	engineering	626.9	Nitrifying		
	sociology	387	crops	agric.	631.8471
<sup>1</sup> history		972.85	Nitrites	depressants	615.716
travel		917.285	Nitro-derivativ	org. chem.	547.8
Nicolini, G.	Ital. drama	852.71	Nitrogen		
<sup>1</sup> Nice	history	944.94	assimilation	physiol.	612.3922
travel		914.494	compounds	air pollution	614.727
Nicene			in blood	physiol.	612.125
Ante, church	100-325	281.3	urea	"	612.4612
councils	religious hist.	270.2	fertilizers	agric.	631.84
creed		238.1	group	inorganic chem.	546.17
Post, church	325-1054	281.4	metabolism	phys.chem.	612.01533
Nicholas 1	Russian hist	947.07	Nitrogenous		
2	"	947.08	foods	domestic econ.	641.12
<sup>1</sup> Nicholas co. W. Va.	"	975.469	substances	nutrition	612.398
Nicholls C.. (Bronté)		823.81	crystallizable		
Nickel			physiol. chem.	612.015347	
coinage	pol. econ.	332.41	Nitroglycerin	chem. tech.	662.2
inorganic chemistry		546.74	Nitrous oxid	anesthetics	615.781
ores	economic geol.	553.48	<sup>1</sup> Nivernais, France	history	944.56
<sup>1</sup> Nicobar islands	history	992	Nobel prizes		378.32
<sup>1</sup> Nicolet co. Que.	"	971.455	<b>Nobility</b>	<b>heraldry</b>	929.7
Niellowork	arch. decora.	729.64	social classes		323.31
Niemsch v. Strehlenau			<sup>1</sup> Noble co. Ind.	history	977.276
Ger. poetry		831.76	1	O.	977.195
<sup>1</sup> Nièvre, France	history	944.56	Noble Leyczon, La		
Niger river	description	916.6	Provençal poetry		849.132
Night opening	lib. econ.	024.34	<b>Nobles</b>	<b>biografy</b>	923.2
soil	air pollution	614.764	education		371.962
work	labor'g classes	331.812	Nocturne	piano music	786.43
Nihilism	philosofy	149.8	<sup>1</sup> Nodaway co. Mo.	history	977.812
socialism		335	Nodier, J: C: E.	Fr. fiction	843.72
Nile	description	916.2	Nodosé ganglion	anat.	611.89191
<sup>1</sup> Nimes	history	944.83	Noise	public helth	614.8
travel		914.483	Nomads	outcast races	397
Ninety-six, Fort, S. C.			Nomenclature		
Amer. revol.		973.3373	anatomy		611.0114
Nineveh	anc. history	935.2	botany		580.1
4	cuneiform lang.	492.19	physiology		612.0114
Ninth nerv	anatomy	611.8319	theoretic chemistry		541.9
physiology		612.8199	Nominalism	philosofy	149.1
Niobium	inorgan. chem.	546.89	Nominations	suffrage	324.231
<sup>1</sup> Nipal, India	history	954.2	Nomsz, Jan	Dutch drama	839.3245
travel		915.42	Nonalkaloid	anesthetics	
<sup>1</sup> Nipissing dist. Ont.	hist.	971.314	physiol. psychology		612.82142
lake	"	917.1314	Nonautomatic	actions	
Nipple	anatomy	611.691	of animals	comp. phys.	612.821311



Nonchristian					
biography	922.9				
religions	290				
and education	377.9				
Noncondensing engines	621.11253				
Nonconformists					
English religious hist.	274.2				
sects	283.42				
Nondepolarized cells	621.3535				
Nondirigible					
aircraft aeronautics	629.151				
Noneuclidean geometry	513.8				
Nonjurors Eng. relig. hist.	274.2				
Nonmalignant tumors	616.993				
Nonmetallic					
elements chemistry	546.1				
poisons therapeutics	615.923				
Nonnitrogenous substances					
foods dom. econ.	641.13				
metabolism nutrition	612.398197				
physiol. chem.	612.015346				
urin constituents	612.4618				
Nonofficinal drugs adulter.	614.352				
Nonrigid dirigibles	629.157				
Nonsphericity of planets	521.43				
<sup>1</sup> Nord, France history	944.28				
Nordenflycht, H. C.	839.7143				
<sup>1</sup> Norfolk co. Eng. hist.	942.61				
<sup>1</sup> Mass. "	974.47				
<sup>1</sup> Ont. "	971.336				
Noricum ancient "	939.85				
Norite Plutonic rocks	552.37				
Normal labor obstetrics	618.44				
schools	370.73				
Norman					
architecture, English	723.42				
French	723.44				
Sicilian	723.45				
conquest Eng. hist.	942.021				
conquests Europ. hist.	940.3				
<sup>1</sup> Normandy, Fr. history	944.2				
Norse "	948.02				
Normans, England "	942.02				
<sup>1</sup> Norrland, Sweden "	948.8				
Norse					
discovery of America	973.13				
<sup>4</sup> language	439.8				
<sup>5</sup> literature	839.8				
mythology	293				
<sup>4</sup> old, language	439.6				
<sup>5</sup> literature	839.6				
Norsemen Scand. hist.	948				
North					
<sup>1</sup> Africa history	961				
North					
America					
geography	917				
geology	557				
<sup>1</sup> history	970				
languages	497				
statistics	317				
travels	917				
<sup>1</sup> Atlantic states U. S. hist.	974				
<sup>1</sup> Canada "	971.2				
<sup>1</sup> Carolina, U. S. "	975.6				
secession U.S. hist.	973.713				
For military history, see sub-					
divisions of Special campaigns					
and Military history under					
973.3, 973.52, 973.7 and					
973.89					
<sup>1</sup> Central states history	977				
Dakota, U. S.					
admission U. S. hist.	973.86				
<sup>1</sup> history	978.4				
mil. hist. Spanish war	973.89484				
U. S. civ. war	973.7484				
travels	917.84				
east, see Northeast					
German confederation	943.081				
in U. S. civil war	973.741				
For military history of the North					
or its individual states, see sub-					
divisions of Special campaigns					
and Military history under					
973.3, 973.52, 973.7 and					
973.89					
pole travels	919.8				
sea physical geog.	551.461				
west, see Northwest					
<sup>1</sup> Northampton co. Eng. hist.	942.55				
<sup>1</sup> Pa. "	974.822				
<sup>1</sup> Northeast ter. Can. hist.	971.28				
Northeastern					
boundary U. S. hist.	973.57				
treaty " "	973.58				
passage	919.8				
Northern					
invasion Am. revol.	973.3366				
lights aurora borealis	523.59				
mythology	293				
Panhandle, W. Va. hist.	975.411				
travel	917.5411				
prisons U. S. civ. war	973.772				
Northmen in Am. U.S. hist.	973.13				
Scand. history	948				
Northumberland co.					
<sup>1</sup> Eng. history	942.82				
<sup>1</sup> N. B. "	971.521				
<sup>1</sup> Ont. "	971.356				
<sup>1</sup> Pa. "	974.831				

Northwest		
boundary, Ore.	U.S.hist.	973.611
San Juan	"	973.82
department of		
1862	U. S. civ. war	973.7329
1863	" " "	973.7341
events in		
1778-79	Amer. revol.	973.3348
1779	"	973.3358
passage	travels	919.8
rebellion	Can. hist.	971.054
<sup>1</sup> Territories	" "	971.2
<sup>1</sup> territory	U. S. "	977
	travels	917.7
Norway		
administration		354.481
botany		581.9481
finance		336.481
geology		554.81
<sup>1</sup> history		948.1
maps		912.481
schools, public		379.481
statistics		314.81
travel		914.81
treaties		341.2481
union with Sweden	hist.	948.06
other topics	see table 1	
Norwegian		
haybox	cookery	641.588
	kitchen	643.338
<sup>4</sup> language		439.8
<sup>5</sup> literature		839.8
	Romanesque architecture	723.48
Nose		
anatomy		611.21
diseases	pathology	616.21
in speech	physiology	612.7891
muscles	anatomy	611.7323
physiology		612.2154
Nosology	medicin	616.01
Nostrums	state control	614.27
Nota, Alberto	Ital. dram.	852.65
Notaries public	law	347.96
Notation		
abridged	anal. geom.	516.52
arithmetic		511.2
for book sizes		025.3
system of lib. classificat.		025.4
theoretic chemistry		541.9
Notebooks	liter. methods	029.4
Notes, personal shorthand		653.041
	pub. and priv. credit	332.5
Notion	mental faculties	153.1
Notochord	embryology	611.01341
<sup>1</sup> Nottingham, Eng.	history	942.52
	travels	914.252
<sup>1</sup> Notts, England	history	942.52
<sup>8</sup> Nouns	Eng. syntax	425.5
	forms Eng. etymol.	422.5
	" morfol.	425.15
<sup>1</sup> Nouvelle France	history	971
<sup>1</sup> Nova Scotia	"	971.6
Novaculite	lithology	552.45
Novel reading	ethics	175.8
	libr. econ.	028.4
	writing	808.3
Novelists, English	biog.	928.23
Novels		
American civil war		973.793
<sup>5</sup> English literature		823
readers privileges		024.78
religious		244
<sup>1</sup> Novgorod, Russia	hist.	947.2
Novilatlin	univ. lang.	408.9
Noxious		
animals	econ. zoology	591.65
gases	air pollution	614.72
materials, storage of		
	air pollution	614.75
plants	econ. botany	581.65
vapors	hygiene	613.62
Noxiousness		
of animals, econ. zoology		591.65
Nozles	steam turbin design	621.16533
	theory	621.16513
<sup>1</sup> Nubia, Egypt	history	962.4
Nuciculture	agric.	634.5
Nuck, canal of	anatomy	611.6673
Nuclei, dentate	"	611.81713
	olivaris super. "	611.81713
Nucleoalbumins	nutrit.	612.398136
Nucleoproteids	"	612.3981451
Nucleus		
caudatus	anatomy	611.81321
motorius	"	611.81741
of cell	histology	611.01813
	physiology	612.01422
Luys	anatomy	611.8141
red	"	611.81544
taild	"	611.81321
Nudifloreae	botany	584.6
<sup>1</sup> Nuevo Leon, Mex.	hist.	972.1
Nuisances	law	347.5
	public helth	614.7
Nullification		
in South Carolina		973.561
U. S. constitut. law		342.73

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Number			Nutrition	
accession	lib. econ.	025.243	physiologic	botany
metaphysics		119		zology
of library trustees		023.32		581.13
members legis. bodies		328.3349	physiology	612.39
<sup>3</sup> signs of	Eng. etymol.	422.5	Nutritiv	
Numbering			baths	hygiene
machines	library	025.244	enemeta	"
	offis	652	phenomena	physiol.
	printing	655.36		612.39
of pages	bookmaking	655.27	Nutritory	
Numbers			organs	comp. anat.
book of	Bible	222.14		descrip. "
prime	arithmetic	511.3		591.73
shelf	library econ.	025.8	Nuts	agriculture
theory of	algebra	512.81		dietetics
Numeration	arithmetic	511.2		domestic econ.
<b>Numeric equations, higher</b>		<b>512.2</b>		physiology
Numidia	ancient history	939.72		612.39272
Numismatics		737	Nux vomica	spin. poisons
<b>Nunneries</b>		<b>271.9</b>		615.97
<b>Nuns</b>		<b>271.9</b>	Nyblom, K: R.	Swed. lit.
cloisterd		271.96		839.7466
<sup>1</sup> Nuremberg	history	943.32	Nyctagineæ	botany
	travels	914.332		583.911
Nurseries			Nyerup, R.	Danish essays
day		362.7		839.845
Nursery			Nymphæaceæ	botany
<b>domestic economy</b>		<b>649.1</b>		583.118
food	dom. econ.	649.3		
	hygiene	613.22		
furniture	dom. economy	645.67		
lore	folklore	398.3		
rimes	folklore	398.3		
Nurses <sup>1</sup>				
American revolution		973.376		
domestic servis		647.25		
physiologic	zology	591.163		
training of		610.73		
U. S. civil war		973.776		
<b>Nursing</b>	domestic econ.	<b>649</b>		
	medicin	610.73		
Nusairian religion		297		
Nut culture		634.5		
Nutation	astron. correc.	522.96		
	theoret. astron.	521.9		
Nutrient arteries	anat.	611.1342		
<b>Nutriments</b>	physiology	<b>612.302</b>		
Nutrition				
action of glands on		612.403		
on glands		612.404		
of bones	physiology	612.752		
muscles	"	612.7465		
plants	fertilizers	631.811		

Oak	botany	583.976	Observing		
	forestry	634.9	chairs	astronomy	522.28
<sup>1</sup> Oakland city, Cal.	hist.	979.466	powers	education	372.3
<sup>1</sup>	co. Mich.	977.438	Obsession	demoniac	133.4
Oases	physical geograpy	551.58		spiritism	133.9
Oaths			Obsidian	lithology	552.23
ethics		179.5	<b>Obstetric operations</b>		<b>618.8</b>
legal		347.94	<b>Obstetrics</b>	gynecology	<b>618.2</b>
of allegiance	pol. sci.	323.62	Obturator		
offis	legislativ bodies	328.361	artery	anatomy	611.1375
Oats	agriculture	633.1	externus	"	611.73826
	botany	584.9	internus	"	611.73817
<sup>1</sup> Oaxaca, Mexico	history	972.7	Occipital		
Obadiah	Bible	224.91	artery	"	611.13326
Obedience	doctr. theology	234.6	bone	"	611.7151
	family ethics	173.6	glands of neck	"	611.4631
Obelisks	antiquities	913.32	lobe of brain	"	611.81315
	monuments	718	Occipito-		
Oberammergau	pass'n play	792	atlantal joints	"	611.7211
Obesity	diseases	616.39	axial	"	611.7211
	physiology	612.3977	frontalis muscle	"	611.7322
Obex	anatomy	611.8185	<b>Occult sciences</b>		<b>133</b>
<b>Obituary addresses</b>	<b>biog.</b>	<b>920</b>	Occultations		
	serm.	252.9	and transits, astronomy		523.99
Object glass,	telescopes	522.24	finding longitude		525.48
teaching	education	372.3	<b>Occultism</b>		<b>133</b>
Objectivs	microscopy	578.2	Occupation		
Oblates	monast. orders	271.76	choice of		374
Obligations	soc. ethics	177.8	territorial	pol. sci.	320.1263
Oblique			Occupations,		
arches	arch. construc.	721.42	injurious	hygiene	613.6
muscles, abdom.	anat.	611.7363	mortality in	pub. helth	614.15
of hed	"	611.7318	special diseases from		616
perspectiv	descr. geom.	515.61	Ocean		
projection	"	515.3	coast changes		551.36
Obliquity of ecliptic		525.32	<sup>1</sup> co. N. J.	history	974.948
Oboe	musical instrum.	788.7	currents	phys. geog.	551.47
<sup>1</sup> O'Brien co. Ia.	history	977.714	exploration		910.4
Observation			geograpy	maps	912
errors	probabilities	519.6	life	zoology	591.92
<b>mental faculties</b>		<b>152</b>	liners	shipblding	623.824
<b>Observations astronomy</b>		<b>524</b>	mails		383
<b>auxiliary</b>		<b>522.6</b>	Pond, Fla.	U. S. civ. war	973.7364
of comets		523.69	telegraf	communication	654.5
moon		523.39		elec. engin'g	621.3828
planets		523.49	tides		525.6
stars		523.89	transportation	sociol.	387
sun		523.79		useful arts	656
Observatories			travels		910.4
<b>astronomy</b>		<b>522.1</b>	<sup>1</sup> Oceana co. Mich.	history	977.459
<b>meteorologic</b>		<b>551.5</b>	Oceania		
school apparatus		371.662	ecclesiastic history		279
<b>bildings</b>		<b>371.623</b>	geograpy		919
			geology		559

- Oceania  
<sup>1</sup> history 990  
 statistics 319  
 travels 919
- Oceanica, *see* Oceania
- Oceanology phys. geog. 551.46
- Oceans physical geografý 551.46
- Ochnaceæ botany 583.245
- <sup>1</sup>Oconto co. Wis. history 977.537
- Octateuch Bible 222
- Octocorolla radiates 593.62
- Octroi local taxes 336.28
- Oculomoto nerv, *see* Third nerv  
 external, *see* Sixth nerv
- Od mind and body 134
- Odd Fellows secret soc. 366.3
- Odel, Anders Swed. poetry 839.7144
- Odell shorthand 653.35
- <sup>1</sup>Odessa history 947.7
- Odic force mind and body 134
- Odontalgia dentistry 617.65
- Odontografs mech. engin'g 621.831
- Odontology  
 animal compar. anat. 591.43  
 descrip. " 591.73  
 human " 611.314
- Odontornithes fossils 568
- Odylic force 134
- Ecumenical councils  
 ecclesiastic polity 262.5  
 religious history 270.2
- Oedema physiology 612.381
- Oehlenschläger, A. G. 839.8161
- Oenotheras botany 583.445
- Oesophagus, *see* Esophagus
- Ofal air pollution 614.763
- Offensiv  
 animals econ. zoology 591.66  
 materials air pollution 614.75
- Offertory alms 264.9  
 organ music 786.86  
 sacred " 783.23
- Office, *see* Offis
- Official  
 ballot suffrage 324.252  
 functions civ. ser. officers 351.1  
 register, U. S. civ. serv. 351.2  
 reporting shorthand 653.046  
 residences architect. 725.17
- Official drugs adulterat. 614.351
- Offis  
 and apartm't bldgs arch. 725.22  
 bildings " 725.23
- Offis  
 bildings care of 647.962  
 equipment and methods 651  
 furnishings dom. econ. 645.64  
 groups blanket ballot 324.256  
 tenure of civil servis 351.4  
 training law educat. 340.7
- Officers  
 administrativ univ. 378.11  
 army and navy lives 923.5  
 mil. sci. 355.33  
 civil servis lives 923.5  
 organization 351.1  
 duties of public ethics 172.2  
 gov't, legis. power over 328.345  
 of legislativ bodies 328.362  
 presiding legis. bodies 328.3621
- Offices  
 excise architecture 725.14  
 post " 725.16  
 public " 725.13  
 record " 725.15
- Offisholding  
 legislativ restrictions 328.349
- Offspring hygiene 613.9
- <sup>1</sup>Ogemaw co. Mich. history 977.475
- Ogier, G. Dutch drama 839.3235
- <sup>1</sup>Ogle co. Ill. history 977.332
- Ohio  
<sup>1</sup> co. Ind. history 977.212  
<sup>1</sup> W. Va. " 975.414  
 state  
 admission U.S.hist. 973.46  
<sup>1</sup> history 977.1  
 For military history, *see*  
 973.52471, 973.7471 and  
 973.89471  
 travel 917.71  
 valley description 917.7  
<sup>1</sup> W. Va. history 975.41
- Ohmmeters elec. eng. 621.3742
- Oil  
 animal chem. analysis 543.9  
 technol. 665.2  
 baths prac. chem. 542.46  
 burning locomotivs 621.1331  
 coal economic geology 553.28  
 cooking by dom. econ. 641.583  
 cookstoves " " 643.333  
 domestic fuel " " 644.23  
 engins mech. engin'g 621.4342  
 feeders lubrication 621.89  
 heaters dom. econ. 644.23  
 lamps " " 644.32  
 light " " 644.312

Oil				Oldham, John	Eng. satire	827.45
light	lib. bildings	022.751		Oleaceæ	botany	583.71
painting	art	751		Olefins	organic chem.	547.22
	<b>ilding</b>	<b>698.1</b>		Oleomargarin		
	refining, mineral air pol.	614.724		adulterations		614.326
	strainers lubrication	621.89		chemic technology		664.3
	surface road engin'g	625.75		Oleron, laws of admiralty		347.7
	switches elec. eng.	621.31735		Olfaction	physiology	612.86
Oilcloth	manufactures	679			psychology	152.3
Oilers	shipbilding	623.826		Olfactory		
Oils				bulb	anatomy	611.8133
adulterations		614.313		nerv	"	611.8311
essential chem. tech.		668.5			physiology	612.8191
fixt materia medica		615.34		organs	anatomy	611.86
food constituents		641.14			physiology	612.86
<b>manufacture</b>		<b>665</b>		tract	anatomy	611.8133
protectiv external agents		615.776		Oligarchy	polit. science	321.5
vegetable agriculture		633		Oligocene period	geology	551.781
	chem. anal.	543.8		Olivary		
	tech.	665.3		bodies	anatomy	611.8183
Ointments	therapeutics	615.776		body, nucleus of superior		611.81777
<sup>1</sup> Oise, France	history	944.35		Olive oil	chemic technol.	665.3
Oklahoma, U. S.				Olives	agriculture	634.6
<sup>1</sup> history		976.6		<sup>1</sup> Olonetz	Russian history	947.2
opening	U. S. hist.	973.86		Olozaga, Salustiano de		
travels		917.66			Span. oratory	865.51
<b>Olacales</b>	<b>botany</b>	<b>583.26</b>		Oltmans, J. F.	Dutch fic.	839.3353
Olacineæ	"	583.261		Olufsen, O. K.	Dan. dram.	839.8257
Olai, Ericus	Swed. poetry	839.7113		Olustee, Fla.	U.S.civ.war	973.7364
Old				Olympiads	chronology	529.3
age insurance pol. econ.		331.25		Olympic games	Gk antiq.	913.38
mortality pub. helth		614.135		<sup>1</sup> Oman, Arabia	history	953.5
pensions pol. econ.		331.25		Omayyads	Span. hist.	946.02
physiology		612.67		Omens	delusions	133.3
therapeutics of		615.54			occultism	133.3
<sup>4</sup> Bactrian language		491.52		Omentum	anatomy	611.382
<sup>1</sup> Castile	Spanish history	946.3			diseases of	616.38
	travels	914.63			<b>physiology</b>	<b>612.339</b>
catholic church		284.8		Ommiads	Span. hist.	946.02
<sup>4</sup> Egyptian language		493.1		Omnibus		
<sup>3</sup> English language		427.01		bill	U. S. history	973.63
French	"	447.01		riders	special legislation	328.376
gard, order		369.116		<b>Omnigraf</b>	<b>engraving</b>	<b>760</b>
<sup>4</sup> Norse language		439.6		Omnipotence	doct. theol.	231.4
literature		839.6		Omnipresence	" "	231.4
<sup>4</sup> Persian language		891.51		Omniscience	" "	231.4
<sup>4</sup> Prussian	"	491.91		Omohyoid muscle	anat.	611.7333
red sandstone	geology	551.74		Omphalomesenteric		
<sup>4</sup> Saxon language		439.2		artery	"	611.1364
literature		839.2		vein	"	611.1497
<b>Testament</b>		<b>221</b>		Onagrarieæ	botany	583.445
biografy		221.92		Oneida		
<sup>1</sup> Oldenburg, Ger.	history	943.52		community	socialism	335.973
	travels	914.352		<sup>1</sup> co. N. Y.	history	974.762

Oneida			Ophthalmia	eye diseases	617.71
<sup>1</sup> co. Wis.	history	977.525	Ophthalmic		
	indians	970.3	artery	anatomy	611.13332
Onions	agriculture	635.2	nerv of Willis	"	611.83152
<sup>1</sup> Onondaga co. N. Y.	hist.	974.765	surgery		617.7
	indians	970.3	vein, inferior	anat.	611.14516
<sup>1</sup> Ontario, Canada	history	971.3	superior	"	611.14515
<sup>1</sup>	co. N. Y.	"	Ophthalmology		
<sup>1</sup>	Ont.	"	anatomy		611.84
Ontogeny	anatomy	611.013	diseases		617.7
	zoology	591.3	physiology		612.84
Ontology	philosofy	111	Ophthalmometer	physiol.	612.84261
<sup>1</sup> Ontonagon co. Mich.	hist.	977.498	Ophthalmoscope	pathol.	617.7
Onychophora	articulates	595.5		physiol.	612.84312
Oolite	geology	551.76	Opitz v. Boberfeld	Ger.poet.	831.51
	lithology	552.56	Opium		
Oology	ornithology	598.2	analgesics		615.783
Oordoo	language	491.43	habit	ethics	178.8
Oosporeæ	algæ	589.5	hygiene		613.82
	fungi	589.24	narcotic poisons		615.961
Ooze	lithology	552.54	traffic	ethics	178.8
Opal	economic geology	553.8	war, 1840-42	Chinese hist.	951
Open			Opossums	mammals	599.2
	air schools	371.718	Opothrapy		
	arc elec. lighting	621.32542	therapeutics		615.36
	channels hydraulics	532.54	hepatic	physiology	612.35161
	circuit cells elec. eng.	621.3535	Oppian	Greek poetry	883.4
	reference shelvs lib. econ.	024.55	Opposition		
	shelvs lib. econ.	024.56	of good and evil	heresy	273.2
	voting suffrage	324.244	Oppositions	solar system	523.23
	workings mining	622.31	Opsonic theory		
Opening, Sunday			physiology		612.118223
	libraries	024.4	Optic		
	and museums	263.7	chiasm	anatomy	611.8144
Openings			crystallografy		548.9
	in roofs arch. construc.	721.55	disc	anatomy	611.843
	streets sewerage	628.231	illusions	physiology	612.84374
Opequon, Va.	battle		lobes	"	612.8265
	U. S. civil war	973.7377	nerv	anatomy	611.8312
Opera			eye diseases		617.73
amusement		792	physiol. of eye		612.843
bouffe	dramatic music	782.7	nervs	" nervs	612.8192
dramatic music		782	perceptions	physiol.	612.84372
ethics		175.2	thalamus	anatomy	611.8147
houses	architecture	725.82	physiology		612.8261
recitative	vocal music	784.2	tract	anatomy	611.8144
Operations, calculus of		517.7	Optics	physics	535
Operativ surgery		617.9	physiology		612.84
Operculum	anatomy	611.81319	Optimism	philosofy	149.5
Operetta	music	782.8	Optional		
Ophicleide	"	788.45	studies	curriculum	375.0014
Ophidia	reptils	598.12	vaccination	pub. helth	614.4739
Ophiomorpha	fishes	597.7	Optostriate body	physiol.	612.8261
Ophiuridea	zoology	593.94	Oracles	mind and body	133.3

Oral		
examinations	educa.	371.27
instruction	"	371.33
pharynx	anatomy	611.3272
Orange		
associations	polit. soc.	363
<sup>1</sup> city, N. J.	history	974.933
<sup>1</sup> co. Cal.	"	979.496
<sup>1</sup> Ind.	"	977.227
<sup>1</sup> N. Y.	"	974.731
<sup>1</sup> Vt.	"	974.36
family	agriculture	634.3
<sup>1</sup> Free State	history	968.5
Orangemen	polit. ass'ns	363
Oranges	fruit culture	634.3
<sup>5</sup> Orations	Eng. literature	825.3
Oratòric clubs	educ.	374.24
Oratorios	sacred music	783.3
Orators, English	biography	928.25
Oratory		808.5
sacred	homiletics	251
Orbicular muscles of eye		611.7325
Orbicularis oris		611.7326
Orbit		
of comets	astronomy	523.63
earth	"	525.3
eye, etc.	diseases	617.78
moon	astronomy	523.33
Orbits		
of eyes	anatomy	611.7146
heavenly bodies		521.3
plane of, in space	astron.	521.21
position of, in plane	"	521.22
<sup>1</sup> Orcades, Scot.	history	941.12
Orchards	agriculture	634
<b>Orchestral music</b>		<b>785</b>
sacred music		783.1
Orchestron	music	789.7
Orchids		
botany		584.15
fertilization of, botany		581.16
gardening		716.2
Orchitic fluid	physiol.	612.616
Ordeal, trial by	law	340.3
Order		
department	lib. econ.	025.23
of founders and patriots		
of America		369.125
studies	curriculum	375.0011
the Old gard		369.116
public administration		351.75
Orders		
holy	ministry	262.16
sacraments		265.4
Orders		
in council, 1807-8	Eng. hist.	942.073
the ministry	eccles. pol.	262.16
monastic		271
of architecture		729.32
knighthood	heraldry	929.71
social	pol. sci.	323.3
Ordinal	Anglican ritual	264.037
Ordinance of 1787		973.318
Ordinances	Anglican rit.	264.035
local	lib. government	023.1
religious		265
Ordination	eccles. polity	262.16
sacraments		265.4
sermons		252.7
Ordinance	mil. engin'g	623.4
stores, care of		623.48
Ordo anomalus	botany	583.899
Ordo language		491.43
Ore		
cars	mining engin'g	622.63
concentrators	min. eng.	622.75
deposits	econ. geol.	553.1
dressing	mining eng.	622.7
sampling	assaying	669.9
Oregon, U. S.		
admission	U. S. history	973.68
boundary	"	973.611
<sup>1</sup> co. Mo.	history	977.8875
<sup>1</sup> history		979.5
mil. hist.	U. S. civil war	973.7495
Span. war		973.89495
question	U. S. hist.	973.5
Ores		
chemic analysis		543.6
iron	econom. geology	553.3
metallurgy		669
mineralogy		549
mining		622
non-iron	econ. geol.	553.4
Orford, H. Walpole	Eng. let.	826.61
Organ		
bilding		786.6
cabinet		786.9
music		786.8
musical instrument		786.5
of Corti	anatomy	611.8522
physiology		612.8584
sacred music		783.1
Organa lateralia	anat.	611.889
Organic		
and inorganic matter		577.1
chemic industries		660
chemistry		547



- Organic  
 drugs materia medica 615.3  
 liquids physical chem. 541.327  
 material zoology 591.137  
 products chem. analysis 543.8  
 remains paleontology 560
- Organisms, physiology of 612.014
- Organization  
 central gov. foren states 354  
     U. S. 353  
 city local gov't 352.004  
 civil servis 351.1  
 cooperation 334.1  
 courts law 347.67  
 engineering works 621.704  
 internal legis. bodies 328.36  
 laboring classes 331.87  
 military forces 355.3  
 party suffrage 324.233  
 schools education 371.2
- Organizations  
 labor pol. econ. 331.88  
 library propaganda 021.77  
<sup>2</sup> special purposes, see subject
- Organografy botany 581.7  
 zoology 591.7
- Organs  
 embryonic, human 611.013  
 of generation anatomy 611.6  
     comp. anat. 591.46  
     descr. " 591.76  
 overuse of hygiene 613.65
- Oriels architectural design 729.38
- Oriental  
 architecture 722  
 art 709.5  
 churches 281.5  
 customs 915  
 history 950  
 languages 490  
 literature 890  
 music theory 781.7  
 mythology 291  
 filosofers biografy 921.9  
 filosofy 181  
 question Turkey 949.6  
 religions 290  
 societies 490.6  
 theologians biografy 922.1
- Orientalia literature 890
- Orientalis dom. servis 647.24  
 education 371.976
- Orientation  
 ecclesiology 246.1
- Orientation  
 sense of physiology 612.8861
- Orifises hydraulics 532.52
- Origen early Chris. philos. 189.2
- Origin of  
 English language 422.1  
 evil natural theology 216  
 individ. soul metaphys. 129  
 knowledge " 121  
 language 401  
 life 576  
 man nat. hist. of man 573.2  
 printing 655.11  
 religious belief 201  
 sexes evolution 575.9  
 species " 575.8  
 speech philology 401  
 state political science 320.11
- Original  
 home of man ethnology 572.4  
 sin doctrinal theology 233.2
- Orinoco river travel 918.7
- Oriskany Amer. revolution 973.3334
- <sup>1</sup>Orissa, India .. history 954.1  
 ' language 491.45
- <sup>1</sup>Orkneys, Scotland history 941.12
- Orléans, C: duc d' Fr. poet. 841.22
- <sup>1</sup>Orléans France history 944.5  
 house of Fr. " 944.063
- <sup>1</sup> Ile d', Que. " 971.448
- <sup>1</sup>Orleans co. N. Y. " 974.791  
 ' Vt. " 974.32
- Ormin Eng. poetry 821.12
- Ornament  
 carvd arch. decora. 729.5  
 painted " " 729.4
- Ornamental  
 botany 716  
 design 745  
 gardening, landscape 710  
 joinery carpentry 694.7  
 plasterwork masonry 693.63
- Ornaments  
 costume 391.7  
 domestic economy 645.5  
 prehistoric 571.7  
 toilet 646.48
- <sup>1</sup>Orne, France history 944.23
- Ornithology 598.2
- Ornithopters aeronautics 629.177
- Orbanchaceæ botany 583.821
- Orology physical geog. 551.43
- Orphan asylums,  
 architecture 725.57

Orphan asylums			Ostrich		
institutions	362.7		farms agriculture	636.9	
U. S. civ. war	973.7772		zoology	598.5	
Orphic poems Gk epics	883.5		<sup>1</sup> Oswego co. N. Y. history	974.767	
Orrery astronomy	523.28		<sup>1</sup> Otaheite history	996.2	
Orthodox church Greek	281.9		travel	919.62	
Orthodoxy heresies	273		Otfried German poetry	831.12	
Orthoepy			Otic ganglion anat.	611.89156	
compar. philol.	411		Otocysts physiology	612.85876	
<sup>3</sup> English language	421.5		Otoliths, <i>see</i> Earstones		
Orthographic projections	515.51		Otology		
<sup>3</sup> Orthografy Eng. lang.	421		anatomy of ear	611.85	
Orthomorphic projec. geod.	526.82		diseases "	617.8	
Orthopedic			physiology "	612.85	
appliances surgery	617.92		<sup>1</sup> Otsego co. Mich. hist.	977.484	
surgery	617.3		1 N. Y. "	974.774	
Orthoptera articulates	595.72		<sup>1</sup> Ottawa city, Ont. "	971.384	
Orthopters aeronautics	629.177		1 co. Mich. "	977.415	
Oryctology paleontology	560		1 O. "	977.121	
Os, dilatation obstetrics	618.84		1 Que. "	971.422	
<sup>1</sup> Osage co. Mo. history	977.858		Otto 1 German history	943.022	
<sup>1</sup> Osceola co. Ia. history	977.7116		2 " "	943.022	
1 Mich. "	977.469		3 " "	943.022	
Oscillating			4 " "	943.025	
marine engins	621.1225		Otto cycle gas engins	621.4321	
steam "	621.11245		<sup>1</sup> Ottoman empire history	949.6	
Oscillations of earth's crust	551.24		<sup>1</sup> Ottumwa, Ia. "	977.7931	
Oscillografs elec. eng.	621.3747		Otway, T: Eng. drama	822.45	
<sup>1</sup> Oscoda co. Mich. history	977.478		Oudaan, Joachim Dut. "	839.3236	
Osculation calculus	517.24		<sup>1</sup> Oudh, India history	954.2	
<sup>1</sup> Oshkosh, Wis. history	977.565		<sup>1</sup> Outagamie co. Wis. "	977.539	
Osmium			Outbildings architecture	728.9	
filaments elec. lighting	621.32644		Outcast races	397	
inorganic chemistry	546.94		Outcrop geology	551.85	
Osmose of liquids	532.7		Outdoor		
Osmosis			cookery	641.578	
absorption physiology	612.382		garments dom. econ.	646.45	
mesology	612.0144621		relief charity	361	
theoretic chemistry	541.341		pauperism	339	
Osmotic			servis dom. econ.	647.3	
permeability of blood	612.11117		sports	796	
pressure of blood	612.11811		Outer house garments	646.43	
Osseous labyrinth anat.	611.853		Outfall sewerage system	628.217	
<sup>4</sup> Osetic language	491.56		sewers	628.27	
Ossian Eng. literature	821.66		Outfit, ship	623.86	
Ossoli, M. (Fuller) d'	814.31		Outlawry criminal law	343	
Ostend manifesto U.S.hist.	973.66		<sup>2</sup> Outlines, compends, <i>see</i> subj.		
Osteology			Outlining drawing	741	
animal descriptiv	591.79		Outlooks landsc. garden'g	717	
comparativ	591.49		Outposts military science	355.41	
human anatomy	611.71		Outward flow turbins	621.243	
Osteopathy therapeutics	615.82		Outworks fortifications	623.117	
Ostracism Gk antiqui.	913.38		Ouvroirs		
Ostracoda articulates	595.33		wages economics	331.53	

- Ovarian  
artery anat. 611.1369  
castration, physiol. effects 612.6211  
veins anatomy 611.1467  
Ovaries anatomy 611.65'  
gynecology 618.11  
physiology 612.621  
Ovariectomy surgery 617.46  
Overcoats dom. econ. 646.45  
Overcrowding curriculum 375.006  
Overfalls hydraulics 532.53  
Overflows sewer appurten. 628.258  
Overhanding dom. econ. 646.21  
Overhed  
lines elec. transmission 621.31922  
wire " traction 621.3322  
Overhours hygiene 613.61  
Overlegislation pol. sci. 328.241  
Overmantels fixt furniture 729.95  
Overshot wheels mech. eng. 621.22  
Overskou, T: Danish dram. 839.8264  
Overstrain  
effect on library servis 023.644  
staff 023.643  
physical hygiene 613.73  
Overstudy school hygiene 371.71  
Overtime work lib. econ. 023.64  
polit. econ. 331.814  
Overture orchestral music 785.5  
Overuse of organs hygiene 613.65  
Overwork  
hygiene 613.61  
mental mental hygiene 131  
Ovid Latin poetry 871.2  
Ovogenesis embryology 611.01316  
Ovulation physiology 612.62  
Ovum  
embryology 611.01315  
capsule of anatomy 611.6512  
pathology of pregnancy 618.32  
physiology 612.622  
removal obstetric oper. 618.88  
<sup>1</sup>Owen co. Ind. history 977.243  
<sup>1</sup> sound, Ont. " 971.318  
Owners  
absentee and alien 333.4  
liability of bilding 692.9  
Ownership, land 333  
marks lib. econ. 025.25  
municipal 352.5  
Oxalate of cerium therap. 615.735  
Oxalates mineralogy 549.79  
Oxenstjerna, J.G. Swed. lit. 839.7154  
<sup>1</sup>Oxford, England history 942.57  
travels 914.257  
<sup>1</sup> co. Me. history 974.17  
travels 917.417  
<sup>1</sup> Ont. history 971.346  
Oxford movement 283  
university 378.42  
Oxids mineralogy 549.5  
theoretic chem. 541.4  
Oxydants physiol. chem. 612.01511  
Oxygen  
chemistry 546.21  
compounds mineralogy 549.5  
group inorganic chem. 546.2  
in blood physiol. 612.1272  
mesology 612.014464  
muscular consump. of 612.74422  
Oxyhemoglobin physiol. 612.11111  
Oxyntic glands, stomach 611.33  
Oxytocics therapeutics 615.766  
Oysters  
cookery dom. econ. 641.6  
fisheries 639.4  
food dom. econ. 641.3  
fossils 564.1  
fresh pub. helth 614.317  
preservation chem. tech. 664.9  
dom. econ. 641.4  
preservd pub. helth 614.319  
zoology 594.1  
<sup>1</sup>Ozark co. Mo. history 977.8835  
<sup>1</sup>Ozaukee co. Wis. history 977.592  
Ozocerite economic geol. 553.27  
Ozone chemistry 546.21  
hygiene 613.16

Pacchioni's glands	anat.	611.8193	Palate		
Pachyderms	zoology	599.6	soft, in speech	physiol.	612.7892
Pacific			Palatinate		
coast	U. S. civ. war	973.7389	<sup>1</sup> Upper, Germany	hist.	943.34
<sup>1</sup> islands, Polynesia	hist.	996	war of	U. S. history	973.25
	travel	919.6	Paleobotany		561
ocean, discov.	U.S.hist.	973.16	Paleogeography		
	phys. geography	551.465	<sup>3</sup> English language		421.7
<sup>1</sup> slope, U. S.	history	979	inscriptions		417
<sup>1</sup> states	"	979	Paleolithic age	prehist.arch.	571.1
war of	Chile history	983	Paleontologic	anatomy	611.016
Packers	lib. employees	023.795	Paleontologists	biography	925.6
Packing	voltaic cells	621.3524	<b>Paleontology</b>		<b>560</b>
Paddlewheels	shipbuilding	623.87	Paleozoic		
Paddock lectures	apologet.	239.05	period	geology	551.72
<sup>1</sup> Padua, Italy	history	945.3	<sup>1</sup> Palermo	history	945.8
	travel	914.53	travels		914.58
Pædiatrics	medicin	618.9	Palestine	ancient history	933
Pædogensis	zoology	591.163	<sup>1</sup> modern	"	956.9
<b>Pagan architecture</b>		<b>722</b>	pre-Judaic	hist.	939.45
<b>Paganism</b>		<b>290</b>	travels		915.69
<sup>1</sup> Page co. Ia.	history	977.778	Palestrina	sacred music	783.4
Page size	newspapers	070.321	<b><sup>1</sup>Pali language</b>		<b>491.3</b>
Pageants	customs	394.5	Palimpsests	rare mss.	091
Pages			Palingenesis	metaphys.	129.4
legis. bodies		328.3625	Palisades	fortifications	623.117
library staff		023.78	Palladium	inorgan. chem.	546.98
numbering of	printing	655.27	Palladius	Danish misc.	839.8824
Paging machines	"	655.36	<b>Pallium</b>	anatomy	<b>611.8131</b>
<b>Paidology</b>		<b>136.7</b>	sacred ornam.		247.6
Pail system	sanitation	628.42	Palm, J. H. van der		839.3451
Paileron, E:	Fr. drama	842.87	<b>Palm muscles</b>	anatomy	<b>611.7377</b>
Pain sense	physiology	612.884	Palmaecous	fruits agric.	634.6
Painless extinction			Palmae	botany	584.5
of animal life		614.971	Palmaris brevis	anatomy	611.73772
Paint, prehistoric		571.72	longus	"	611.73752
<b>Painted decoration</b>	arch.	<b>729.4</b>	Palmieri, M.	Ital. essays	854.22
Painters	biography	927.5	Palmistry	magic	133.6
colic		615.928	Palmists	biography	920.9
<b>Painting</b>			Palms	botany	584.5
fine art		750	horticulture		716.1
house, sign, etc.		698.1	Palmyra	ancient history	939.43
<b>Paintings</b>			Palo Alto, battle	Mex.war.	973.6234
collections of		708	<sup>1</sup> co. Ia.	history	977.7155
engravings from		750	<b>Palpebrae</b>	anatomy	<b>611.847</b>
Paints	chem. technol.	667.6	Palpebral apparatus	physiol.	612.847
Pairing	legislative procedure	328.375	Palsy, see Paralysis		
<b>Palaces</b>	architecture	<b>728.3</b>	Paludan-Müller, F.	Dan. poet.	839.8167
of rulers	"	725.17	<b>Pamflets</b>		
Palæ- see Pale-			cases for	lib. econ.	025.8
Palate			miscellaneous collections		040
anatomy		611.315	preservation of		025.4
bone	anatomy	611.7162	special lib. material		025.172
muscles	"	611.73276	on special topics	see subject	

- Pamirs 958.6
- Pamphlets, *see* Pamflets
- Pamphylia ancient hist. 939.29
- Pampiniform plexus 611.1466
- Panaetius Greek philos. 188.4
- Panama  
congress U. S. history 973.55  
<sup>1</sup> history 986
- Pananti, Filippo Ital. satire 857.67
- Pancreas anatomy 611.37  
diseases of 616.37  
physiology 612.34
- Pancreatic  
artery anatomy 611.13642  
duct " 611.373  
juice physiology 612.34  
secretions animals 591.143
- Pancreatico-duodenal artery  
inferior anatomy 611.13651  
superior " 611.13641
- Pancreatin aids to digest. 615.7342
- Pandaneæ botany 584.61
- Pandects Roman law 349.375
- Panel construction  
carpentry 694.5
- Panels  
carvd arch. decoration 729.56  
central elec. station 621.3172  
local electric lighting 621.3283  
painted arch. decorat. 729.46
- Panhandle  
<sup>1</sup> Eastern W. Va. history 975.49  
travel 917.549  
<sup>1</sup> Northern history 975.411
- Panic, finan. 1837 U.S.hist. 973.57  
1873 " " 973.82
- Panics  
commercial money 332  
production 338  
trade 381
- <sup>4</sup>Panjabi language 491.42
- Pannonia ancient hist. 939.86
- Panopticon prison syst. 365
- Panoramas  
amusements 791  
painting 750
- Pantheism nat. theology 212  
philosofy 147
- Pantheon architecture 722.7
- Panthers zoology 599.7
- Pantografs elec. traction 621.33472
- Pantomimes drama 792  
music 782.9
- Pantries dom. economy 643.47
- Panzacchi, E. Ital. essays 854.88
- Paoli Amer. revolution 973.3336
- Papacy eccles. polity 262.13
- Papal bulls eccles. polity 262  
conclaves " " 262.13  
infallibility " " 262.13  
<sup>1</sup> states, Italy hist. 945.6  
supremacy, Ital. " 945.03
- Papaveraceæ botany 583.122
- Paper  
covers library books 025.7  
domestic economy 646.182  
engineering materials 620.197  
hanging trade 698.6  
in books publishing 655.53  
manufacture 676  
mills architecture 725.46  
money 332.5  
roofing bilding 695.7
- <sup>2</sup>Papers on spec. topics, *see* subjects
- Paphlagonia ancient hist. 939.31
- <sup>1</sup>Papua history 995
- Papular affections of skin 616.51
- Papyrus manuscripts 091
- <sup>5</sup>Parables English liter. 828  
New Testament 226.8
- Parabola analytic geom. 516.25  
geometry 513.25
- Paraboloid anal. geom. 516.45
- Parabosco, G. Ital. fiction 853.45
- Paraceles anatomy 611.8138
- Paracelsus medieval philos. 189.5
- Paracentral lobule anat. 611.81316
- Parachutes  
aeronautics 629.167
- Paradidymis anat. 611.633
- Paradise  
garden of Eden  
Bible geog. 220.91  
Genesis 222.11  
primitiv home of race 572.4  
theology 236.6
- Paradisi, A. Ital. poetry 851.61
- Paraffin chem. technol. 665.4
- Paraffining bldg material 691.2
- Paraffins organic chem. 547.21
- <sup>1</sup>Paraguay history 989
- Parallax, lunar astronomy 523.31  
practical " 522.91  
solar " 523.92  
stellar " 523.81  
terrestrial " 525.16
- Parallel  
courses education 375.0013  
forces physics 531.24

Parallel			Parish		
lines geometry	513.13		ecclesiastic polity	262.2	
perspectiv descr. geom.	515.61		government England	352.0423	
planes geometry	513.33		law	352	
Parallelism Scripture	220.88		libraries	027.8	
Parallels siege works	623.23		missions theology	269	
Paralysis			work, societies for	256	
diseases	616.842		Park bildings architect.	725.76	
facial physiology	612.81978		<sup>1</sup> Parke co. Ind. history	977.246	
infantil diseases	616.83		<sup>1</sup> Parkersburg, W. Va. hist.	975.423	
public helth	614.54		Parkings		
surgery	617.48		road engineering	625.77	
Parasites			Parks		
animal diseases	616.961		flying aeronautics	629.144	
of animals animal hyg.	614.92		hygiene of ground	614.783	
pathology of animals	591.2		recreation	613.75	
plants	581.23		public landscape gard.	711	
vegetable diseases	616.969		local governm't	352.7	
Parasitic			Parliament		
animals	591.69		constitutional law	342.42	
diseases dermatology	616.57		England	328.42	
pathology	616.96		houses of architecture	725.11	
public helth	614.55		Parliamentary		
plants	581.69		blue books	328.424	
Parathyroids anatomy	611.447		control administration	351.96	
physiology	612.442		debates	328.422	
Parcel post postoffis	383		inquiries legis. proced.	328.372	
Parchment manuf.	676		law	328.1	
Pardoning			practis legislat. bodies	328.1	
power law	343.2		reform England	328.42	
Parenchyma anatomy	611.665		writ legislativ bod.	328.351	
Parenchymatous absorption			Parlor domestic econ.	645.62	
physiology	612.388		magic	793	
Parent and child law	347.6		maids dom. econ.	647.25	
Parents ethics	173.5		pastimes	793	
and teachers	371.103		Parmenides Gk philos.	182.3	
Parian chronicle			Parnell, T: Eng. poetry	821.52	
Arundel marbles	481.7		Parny, E. D. D. Fr. poetry	841.51	
Greek history	938		Parochial		
Parietal			libraries	027.8	
bone anatomy	611.7154		schools and libraries	257	
lobe of brain "	611.81312		education	377.5	
Parietales botany	583.12		<sup>5</sup> Parodies English liter.	827	
Parieto-occipital fissure			Paroles U. S. civil war	973.773	
anatomy	611.81315		Parolfactoria anatomy	611.8133	
Parini, Giuseppe Ital. satire	857.64		Paroophoron "	611.6677	
<sup>1</sup> Paris, France history	944.36		Parotid glands "	611.3165	
travel	914.436		Parovarium "	611.6676	
congress of, 1856	341.1		Parquetry floors architect.	721.66	
expositions	606		Parricide criminal law	343	
peace of U. S. history	973.26		Parrots domestic birds	636.6	
treaty, U. S. war w. Spain	973.89		zoology	598.7	
Parish			<sup>1</sup> Parry Sound dist. Ont. hist.	971.315	
care of sick, fallen, etc.	258		Parsee dualism heresies	273.2	

- Parseeism 295
- Parseval Grandmaison, F. A.  
French poetry 841.63
- Parsifal legends 398.2  
opera 782.2
- <sup>3</sup>Parsing Eng. grammar 425.2
- Parsis biography 922.95  
religion 295
- Part songs vocal music 784.8
- Parthenogenesis  
botany 581.162  
physiology 612.6132  
zoology 591.162
- Parthenon architecture 722.8
- Parthia ancient history 935.6
- Partial  
suffrage electoral systems 324.212
- <sup>3</sup>Particles English etymol. 422.9  
<sup>3</sup> syntax 425.9
- Parties, political 329  
social amusem't 793  
dom. econ. 642.41
- Partington, Mrs Am.hum. 817.34
- Partisan warfare mil. sci. 355
- Partnership law 347.7
- Partridge-shooting 799
- Parts electric mach. 621.316
- Parturition obstetrics 618.4  
physiology 612.63
- Party  
ballots suffrage 324.253  
caucuses legislativ proced. 328.3745  
conventions polit. sci. 329  
feeling in religion, use of 280  
lines telephony 621.3852  
organization suffrage 324.233
- Paruta, Paolo Ital. essays 854.47
- Parzival legends 398.2
- <sup>1</sup>Pas de Calais, France hist. 944.27
- Passage, final legislation 328.375
- <sup>1</sup>Passaic co. N. J. history 974.923
- Passavanti, J. Ital. essays 854.12
- Passenger  
boats shipblding 623.8234  
cars railway engin'g 625.23  
elevators lib. bldgs 022.9571  
mech. eng. 621.87771  
engins steam eng. 621.13265  
vessels shipblding 623.824
- Passeroni, G. C. Ital. satire 857.62
- Passiflorales botany 583.45
- Passifloreæ " 583.456
- Passion  
music 783.3
- Passion  
plays English literature 822.1  
general history 809.2  
Oberammergau 792  
religion 244
- Passionists monast. orders 271.6
- Passions philosophy 157  
physiology 612.82133
- Pastel drawing 741
- Pasteurism pub. helth 614.477
- Pasteurization infant diet 613.22
- Paston letters Eng. hist. 942.04  
liter. 826.2
- Pastoral  
letters 252.1  
poetry Eng. literature 821.06  
theology 250  
visitations 253
- Pastors ecclesiastic polity 262.1
- Pastry room dom. econ. 643.36
- <sup>1</sup>Patagonia history 982  
travel 918.2
- Patella anatomy of bones 611.71845  
knee 611.983
- Patent  
blocks printing 655.22  
indexes literary meth. 029.5  
law law 347.7  
patents 608  
medicins adulterations 614.353  
state control 614.27  
therapeutics 615.88  
room lib. bldings 022.64  
types printing 655.23
- Patents bilding 690.8  
engineering 620.08  
useful arts 608
- Paternalism  
in library 021.201
- <sup>1</sup>Paterson, N. J. history 974.924
- Pathetic nerv anatomy 611.8314  
physiol. 612.8194  
nuclei anatomy 611.8155
- Pathogenesis 616.01
- Pathologic anatomy diag. 616.078
- Pathology  
botany 581.2  
medicin 616  
mental 132  
of labor 618.5  
pregnancy 618.3  
puerperal state 618.7  
zoology 591.2
- Patience ethics 179.9

Patriarchal institutions	321.1	Pears fruit culture	634.1
Patriarchs of Bible lives	220.92	Peasantry polit. econ.	331.8
Patricide law	343	Peasants war Ger. hist.	943.031
<b>Patriotic societies, American</b>	<b>369.1</b>	Peat	
Patriotism ethics	172.1	economic geology	553.21
pol. sci.	320.158	foundations. architecture	721.11
<b>Patriots</b>		fuel chem. tech.	662.6
<b>biography</b>	<b>923</b>	domestic econ.	644.22
of America, order	369.125	Pecquet, cistern of anat.	611.423
<b>Patristic</b>		Pectineus muscle	" 611.73823
philosofers biography	921.9	Pectoral glands	" 611.4675
philosofy	189.2	region	" 611.942
theology	230.1	Pectoralis major	" 611.7351
<b>Patron</b>		minor	" 611.7352
saints labor holidays	331.817	<b>Pedagogics</b>	<b>371</b>
Patronage ethics	177.5	Pedalinæ botany	583.85
<b>Pattern shop mfg plant</b>	<b>621.72</b>	Pedata zoology	593.97.
Paul I Russian history	947.07	Pedersen, K. Dan. miscel.	839.8821
Paulding, J. K. Am. humor	817.23	Pedestals arch. design	729.32
<sup>1</sup> co. O. history	977.117	Pedestrianism	796
Paulus Hook Am. revol.	973.3355	ethics	175.7
Pauper asylums	362.5	Pediatrics medicin	618.9
architec.	725.55	Pediculosis	616.968
labor	331.6	Pedigrees genealogy	929.2
<b>Pauperism</b>	<b>339</b>	Pediments arch. constr.	721.86
and illiteracy, pub. educ.	379.22	design	729.37
suffrage disqualifications	324.173	walls	721.28
<b>Pavements road eng.</b>	<b>625.8</b>	Pedobaptism	265.1
sanitation	628.47	Pedogenesis zoology	591.163
Pawls mech. engin'g	621.837	Pedunculated bodies anat.	611.633
Pawnbroking, loan instit.	332.34	<sup>1</sup> Peebles, Scotland hist.	941.46
<sup>1</sup> Pawtucket, R. I. history	974.53	<sup>1</sup> Peel co. Ont. "	971.353
Pay, extra pol. econ.	331.225	<b>Peerage heraldry</b>	<b>929.7</b>
<b>Payment</b>		<b><sup>4</sup>Pehlevi language</b>	<b>491.53</b>
in kind wages	331.235	<sup>1</sup> Peking, China history	951.1
methods "	331.235	travel	915.11
of legislativ employees	328.3626	Pelagianism heresies	273.5
<b>Payrolls library finance</b>	<b>025.115</b>	Pelasgian architecture	722.6
Pea Ridge, Ark. civil war	973.7323	<sup>1</sup> Pelew ilands history	996.6
Peabody fund education	373.75	Pelican, ship U.S. war 1812	973.5253
<b>Peace</b>		Pellico, Silvio Ital. drama	852.72
and war ethics	172.4	Peloponnesian war Gk hist.	938.05
conference U.S. civ. war	973.712	Peloponnesus ancient "	938.6
efforts for " " "	973.712	<sup>1</sup> modern "	949.5
jubilee Boston	780.973	Pels, Andries Dutch dram.	839.3242
society interna. ethics	172.4	Pelton wheel water motors	621.232
Peaches fruit culture	634.2	Pelvic articulations anat.	611.7281
Peacock, T: L. Eng. fic.	823.76	bone	" 611.7181
Peacock and		lymphatics	" 611.4216
Epervier U. S. war 1812	973.5255	region	" 611.96
Hornet "	973.5253	Pelvmetry	618.52
Peanuts agriculture	634.5	<b>Pelvis anatomy</b>	<b>611.96</b>
Pearl fishery	639.4	diseases of women	618.13
Pearls gems	553.8	surgery	617.56

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Pelycosauria paleontol. 568.1  
<sup>1</sup>Pembroke, Wales history 942.99  
<sup>1</sup>Pemiscot co. Mo. history 977.8996  
 Penæaceæ botany 583.934  
 Penal colonies crim. law 343.2  
     law 343  
 Penalties crim. law 343.2  
     school 371.54  
 Penance theology 265.6  
 Pencils writing materials 652  
 Pendleton  
     civil servis act U.S. hist. 973.84  
<sup>1</sup> co. W. Va. " 975.491  
 Pendulum  
     apparatus geodesy 526.72  
     operations " 526.73  
     physics 531.53  
 Penguin, ship U.S. war 1812 973.5257  
 Peninsular  
     campain U.S. civil war 973.7327  
<sup>1</sup> Lower Mich. hist. 977.4  
<sup>1</sup> Upper " " 977.49  
     war Spanish " 946.06  
 Penis anatomy 611.64  
     diseases of 616.66  
 Penitential music 783.27  
 Penitentiaries 365  
     architecture 725.61  
 Penmanship 652  
<sup>1</sup>Pennsylvania, U. S. hist. 974.8  
     For military history, see sub-  
     divisions of Special campaigns  
     and Military history under  
     973.3, 973.7 and 973.89  
     travel 917.48  
 Pennsylvania, colonial soc. of 369.127  
 Penobscot  
<sup>1</sup> co. Me. history 974.13  
     expedition Am. revol. 973.3352  
 Penology criminal law 343.2  
 Pens writing 652  
 Pension  
     act, Mex. war U. S. hist. 973.85  
     bill, dependent " 973.85  
 Pensions  
     army and navy 351.5  
     civil servis 351.5  
     library 023.8  
     mothers 362.6  
     old age pol. econ. 331.25  
     teachers 371.17  
     U. S. civil war 973.7772  
 Penstocks sewer apparthen. 628.257  
 Pentateuch Bible 222.1  
 Pentose nutrition 612.39619  
 Peonage  
     political economy 331.56  
     slavery 326.2  
 People's  
     palace self-education 374.9  
     party U. S. politics 329.84  
<sup>1</sup>Peoria city, Ill. history 977.352  
<sup>1</sup> co. Ill. " 977.352  
 Peperino economic geol. 553.58  
<sup>1</sup>Pepin co. Wis. history 977.547  
 Pepper  
     adulterations 614.314  
 Pepsin  
     aids to digestion 615.7342  
     destruction in stomach 612.3232  
     formation in stomach 612.3232  
     in gastric juice physiol. 612.3215  
     in urin " 612.32321  
     materia medica 615.35  
 Peptic glands anat. 611.33  
 Peptones  
     changes in intestin 612.32274  
     gastric digestion 612.32245  
     in urin physiol. 612.461264  
     nutrition 612.39817  
     stomach absorption of 612.32274  
 Peptonuria physiology 612.46668  
 Pequot indian war U.S. hist. 973.22  
 Perception physiol. psych. 612.8218  
     psychology 152  
 Perch fishes 597.5  
 Percussion  
     caps chem. tech. 662.4  
     mil. engineering 623.45421  
     diagnosis 616.074  
     instruments music 789  
 Perez, A. Spanish letters 866.32  
 Perfection ethics 171.3  
 Perfectionists sects 289.9  
 Perforating  
     stamp lib. econ. 025.252  
     telegrafs communica. 654.3  
     elec. engin'g 621.3822  
     tools mech " 621.95  
 Perfumery chemic tech. 668.5  
     toilet 646.7  
 Pericardial artery anat. 611.1355  
 Pericardium anatomy 611.11  
 Perichondrium histology 611.01834  
     physiology 612.754  
 Peridotite plutonic rocks 552.38  
 Perigee moon 523.33  
 Perineal region anatomy 611.96  
 Perineum " 611.353

Perineum female	obstetrics	618.44	<sup>1</sup> Persia modern	history	955
	surgery	618.55		travels	915.5
Perineurium	histology	611.018835	Persian		
Peringskjöld, J. Swed.	misc.	839.7833		architecture	723.3
Period of				ancient	722.5
decline	physiology	612.67	<sup>4</sup> language		491.55
full development	"	612.66	<sup>4</sup> old		491.51
revolution	earth	525.31	philosophers		181.5
Periodic law	theoret. chem.	541.9	wars	Greek history	938.03
Periodical clubs	self educ.	374.22	Persimmons	fruit culture	634.45
Periodicals			Persius Flaccus, Aulus		
general		050		Latin satire	877.4
length of loan	lib. econ.	024.62	Person of Christ	doc. theol.	232
<sup>2</sup> on special topics	see subject		Personal		
published by library		025.126	appearance	costumes	391
Periosteum			ethics		177.4
dental, dis. of	dentistry	617.63	toilet		646.7
diseases		616.71	equation mach.	astron.	522.54
histology		611.01844		prac. "	522.97
physiology		612.754	hygiene	medicin	613
Peripatetic philosophers		185	liberty	English law	347.1
Peritoneum			names	etymology	929.4
admin. of medicin by		615.66	narrativs		
anatomy		611.381	autobiografy		920
diseases of		616.38	U. S. hist. .	civil war	973.78
physiology		612.339	Mex. "		973.628
Peritonitis	diseases	616.38	revolution		973.38
obstetrics		618.73	Span. war		973.898
Periuterin diseases of women		618.13	war of 1812		973.528
Periwinkle fishery		639.4	<sup>8</sup> pronouns	Eng. etymol.	422.7
Perjury law		343	property	English law	347.3
Perkinism cures		615.856	religion		248
Permian formation	geology	551.75	rights		347.1
Permutation	arithmetic	511.5	taxation	polit. econ.	336.23
Pernin-Duployé	shorthand	653.38	use of lib. time by staff		023.92
Peronaeus			Personales	botany	583.8
brevis	anatomy	611.73852	Personality		
longus	"	611.73851	dogmatics		233.6
tertius	"	611.73846	for library servis		023.52
Peroneal artery	"	611.13792	teaching		371.11
Peronosporeæ	botany	589.25	metaphysics		126
Perpetual motion		531.8	Personation	electoral frauds	324.272
Perrault, C: Fr.	fiction	843.47	Personnel		
Perrot burners	prac. chem.	542.44	domestic servis		647.2
<sup>1</sup> Perry co. Ill.	history	977.393	library	"	023
<sup>1</sup> Ind.	"	977.229	Persons, disinfection		
<sup>1</sup> Mo.	"	977.8694	contagious diseases		614.48
<sup>1</sup> O.	"	977.159	Perspectiv		
<sup>1</sup> Pa.	"	974.845	descriptiv geometry		515.6
Perry's exped. to Japan			drawing		742
U. S. hist.		973.66	effect	architec. design	729.15
Persecutions	theology	272	linear		515.61
Perseverance of the saints		234.9	projections	geodesy	526.81
Persia	ancient history	935.5	Perspiration, see	Swet	

Persuasion	logic	168	Petri, L.	Swed. poetry	839.7122
<sup>1</sup> Perth, Scotland	history	941.32	Olaus	" "	839.7121
<sup>1</sup>	co. Ont.	"	<b>Petrifaction</b>	<b>paleontology</b>	<b>560</b>
Perticari, G.	Ital. essays	854.68	Petroglyphs	archeology	571.73
Perturbations			<b>Petrography</b>		<b>552</b>
earth		525.34	Petroleum		
of heavenly bodies		521.4	chemic technology		665.5
Peru			domestic fuel		644.23
administration		354.85	economic geology		553.28
antiquities		913.85	heating	prac. chem.	542.43
architecture		720.985	locomotiv fuels		621.1331
	ancient	722.9	mineral		549.8
botany		581.985	products	dom. fuels	644.23
finance		336.85	<b>Petrology</b>	<b>geology</b>	<b>552</b>
geology		558.5	Petronius Arbitr	Lat. sat.	877.5
<sup>1</sup> history		985	Petrosal		
maps		912.85	ganglion	anatomy	611.8919
schools		379.85	nerv, great superficial		611.8315
statistics		318.5	<sup>1</sup> Pettis co. Mo.	history	977.848
travel		918.5	Peutingirian tables		
treaties		341.285		ancient geog.	913
Pesantry	polit. econ.	331.8	Pew rents	cleric support	254
	social classes	323.33	Pewter		739
Pesants war	Ger. history	943.031	Peyer's patches	anatomy	611.3413
<sup>4</sup> Peshito language		492.3	Pfaffe Amis, Der	Ger. sat.	837.21
Pessimism	philosofy	149.6	Phaedrus	Latin poetry	871.6
Pestalozzian system	educa.	371.44	Phagedæna	diseases	616.941
Pestifuges	dom. econ.	648.7	Phagocytosis	physiology	612.1123
	museums	579.82	Phalangeal joints	anat.	611.7279
Pestilences	public helth	614.49	<b>Phalanges of foot</b>	"	<b>611.7189</b>
Pestles	chem. apparatus	542.22		hand	<b>611.7179</b>
Pests			Phalaris	Greek letters	886.3
agriculture		632	Phallicism		291
household	dom. econ.	648.7	Phanariots	description	914.961
in museums		579.81	<b>Phanerogamia</b>	<b>botany</b>	<b>582</b>
Petards	mil. engineering	623.45434	Phansigars		299.11
Peter, St	epistle	1	Phantoms	occultism	133.1
		227.92	<b>Pharmaceutic chemistry</b>		<b>615</b>
		227.93	Pharmacists' registration,		
	the Great	Rus. hist.	state control of		614.24
<sup>1</sup> Peterborough city, Ont.	hist.	971.368	Pharmacognosy		615.1
<sup>1</sup>	co. " "	971.367	<b>Pharmacology</b>		<b>615.7</b>
Peters, S: A.	Amer. hum.	817.15	Pharmacopoeial drugs		
Petersburg, Va.			adulterations		614.351
battle	U. S. civ. war	973.7365	Pharmacopoeias	mat. med.	615.11
lines, assault	"	973.7373	Pharmacy		
Petersen, N. M.	Dan. lit.	839.8461	economic botany		581.63
Petition			practical	materia med.	615.4
administration		351.97	Pharyngeal		
electoral lists		324.243	artery, ascending	anat.	611.13324
legislativ procedure		328.372	tonsil	"	611.324
right of	Eng. const. hist.	342.429	Pharyngobranchii	fishes	597.1
Petit's canal	anat.	611.8447	Pharynx		
<b>Petralogy</b>	<b>lithology</b>	<b>552</b>	anatomy		611.321
Petrarca, F.	Ital. poetry	851.18			

Pharynx			<sup>1</sup> Philippine islands travel	919.14
diseases of	616.32		Philip's, King, war	
muscles anatomy	611.73278		New England history	974
physiology	612.2154		United States "	973.24
Phase			Philistines ancient history	939.45
changing transformers			Phillips, Wendell Am. orat.	815.34
		elec. eng.	Phillips code telegrafy	621.382154
			Philo Greek philosophers	186.4
converters			Philologists biografy	924
asynchronous elec. eng.	621.31368		<b>Philology</b>	<b>400</b>
synchronous "	621.31354		classic	470-489
meters "	621.37491		Philoprogenitiveness phrenol.	139
Phases of moon	523.32		zoology	591.56
Pheasant shooting	799		<b>Philosophers biografy</b>	<b>921</b>
Phedo Gk philosophers	183.7		Philosopher's stone alchemy	540.1
<sup>1</sup> Phelps co. Mo. history	977.8594		Philosophic	
Phenanthrene org. chem.	547.28		apparatus	530.7
Phenicia ancient history	939.44		classification of knowledge	112
<sup>1</sup> modern "	956.9		instrument making	681
Phenician architecture	722.3		magazines	105
<sup>4</sup> language	492.6		systems	140
philosophers	181.8		<b>Philosofy</b>	<b>100</b>
Phenix folklore	398.4		biografy of	<b>921</b>
Phenols organic chem.	547.3		natural	<b>530</b>
Phenomena			<sup>2</sup> of special topics see subject	
in labor obstetrics	618.43		Philydraceæ botany	584.35
nutritiv physiology	612.39		Phimosis anatomy	611.642
vital biology	577		surgery	617.46
Phi Beta Kappa society	371.85		Phlebitis puerperal dis.	618.77
Philadelphia, Pa.			Phlebogram physiol.	612.1342
capture Amer. revol.	973.3337		Phlegmasia dolens	618.77
<sup>1</sup> city history	974.811		Phlogiston chemistry	540.1
travels	917.4811		Phlorizin	
<sup>1</sup> co. history	974.811		nutrition	612.396175
evacuation Am. revol.	973.3343		toxic glycosuria	612.4644
exposition 1876	606		Phocis, Greece anc. hist.	938.3
U. S. hist.	973.82		Phoebe, ship U.S. war 1812	973.5255
<b>Philanthropists biografy</b>	<b>923.6</b>		Phoenicia ancient history	939.44
Philanthropy ethics	177.7		<sup>1</sup> modern "	956.9
Philately postage stamps	383		Phoenician, <i>see</i> Phenician	
Philemon epistles	227.86		Phoenix folklore	398.4
Philharmonics societies	780.6		Phonetic	
Philip German history	943.025		shorthand	653
<sup>1</sup> French "	944.022		<sup>3</sup> spelling Eng. language	421.4
<sup>2</sup> " "	944.023		Phonics elementary educa.	372.4
<sup>3</sup> " "	944.024		Phonograf acoustics	534.86
<sup>4</sup> " "	944.024		Phonografy	653
<sup>5</sup> " "	944.024		Phonolite lithology	552.26
<sup>6</sup> " "	944.025		Phonology	414
Philip <sup>2</sup> Spanish "	946.04		Phosphates	
<sup>3</sup> " "	946.051		as fertilizers agricul.	631.85
<sup>4</sup> " "	946.052		economic geology	553.64
<sup>5</sup> " "	946.055		in urin physiology	612.46162
Philippians epistles	227.6		mineralogy	549.72
<sup>1</sup> Philippine islands history	991.4			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Phosphorescence 535.3  
of cells and org. *physiol.* 612.014445
- Phosphorescent  
animals *comp. physiol.* 612.772  
zoology 591.59
- Phosphoric  
acid agriculture 631.85
- Phosphorus  
compounds air pollu. 614.728  
in food *physiology* 612.39244  
urine " 612.46162  
inorganic chemistry 546.18  
materia medica 615.218  
nonmetallic poisons 615.924
- Photochemistry 541.35
- Photo-electrotyping 777
- Photo-engraving 777
- Photograf cases, library 022.486
- Photografic  
chemistry 771  
method transit of Venus 523.95  
optics 535.85
- Photografas  
collections of 779  
library administration 025.177  
of animals in motion  
art anatomy 743  
zoology 591.47  
comets 523.69  
moon 523.39  
planets 523.49  
sun 523.79
- Photografy  
art 770  
astronomy 522.63  
military 623.72  
optics 535.85
- Photogrammetry *photog.* 778  
survey'g 526.91
- Photogravure 777
- Photolithografy 775
- Photometric observa. stars 523.82
- Photometrics optics 535.2
- Photometry astronomy 522.62  
visual *physiol.* 612.84361
- Phototherapy therapeu. 615.831
- Phototropism mesology 612.014447
- Photo-zincografy 776
- <sup>3</sup>Phrase books  
English language 428.2
- Phrenic  
arteries, inferior anat. 611.1361  
nerv " 611.83336  
*physiology* 612.819941
- Phrenic  
sympathetic nervs anat. 611.8393  
veins, inferior " 611.1465
- Phrenologists biografy 920.9
- Phrenology 139
- Phrygia ancient history 939.26
- Phthisis lung diseases 616.246  
public helth 614.542
- Phyllite lithology 552.44
- Phylloerytrin blood 612.11119
- Phyllopoda zoology 595.32
- Phylloxera agriculture 632
- Physical  
anthropology 573  
astronomy 523  
capacity of women educ. 376.1  
chemistry 541.3  
conditions mental char. 136.6  
culture rooms Y.M.C.A. 267.327  
department " 267.356  
director " 267.343  
education hygiene 613.7  
school hyg. 371.73  
geografy 551.4  
geology 551  
laboratories architect. 727.4  
properties of blood 612.11  
crystals 548.8  
sciences 500  
surroundings ment. char. 136.2  
theory of music 781.1  
training education 371.73  
units physics 530.8
- Physicians  
ethics 174.2  
lives of 926.1  
registration state control 614.24
- Physicochemic  
forces mesology 612.014462
- Physicochemistry 541.3
- Physics 530  
molecular 539
- Physiocrats polit. econ. 330.152
- Physiognomy 138
- Physiografy 551.4
- Physiologic  
acoustics 534.7  
botany 581  
chemistry 612.015  
zoology 591.19  
optics 535.7  
zoology 591
- Physiology 612  
animal 591.1

Physiology			Piers		
comparativ		612.019	<b>arch. construction</b>		721.3
mental		131	design		729.32
of labor	obstetrics	618.4	bridges		624.16
of pregnancy		618.21	river and harbor engin'g		627.3
puerperal state		618.6	suspension bridges		624.56
vegetable		531.1	Pietists	heresies	273.7
vivisection	ethics	179.4	<b>Piety, practical</b>		240
	method	612.077	Pigeonholes	offis equipm't	651
	pub. helth	614.22	Pigeons	domestic birds	636.6
Physostomi	fishes	597.5	zoology		598.6
Phytografy	descr. botany	580	Pigment		
Phytolaccaceæ	botany	583.915	histology		611.01829
Pia mater, cerebral	anat.	611.8191	nerv	histology	611.01882
spinal	"	611.8291	Pigmentary changes		
<b>Piano and organ</b>		786	<b>dermatology</b>		616.55
music		786.4	Pigments		
Pianola		789.9	bile	composition	612.35713
<sup>1</sup> Piatt co. Ill.	history	977.367	origin		612.35733
Picard, L. B.	Fr. drama	842.67	chemic technology		667.6
<sup>1</sup> Picardy, France	history	944.26	eye	physiology	612.8425
<b>Picaresque novel</b>		863.3	fine arts		751
Piccolo	musical instrum.	788.5	inspection of	pub. helth	614.37
Piccolomini, A.	Ital. essays	854.42	physiologic chemistry		612.0154
Picenum	anc. history	937.4	skin	anatomy	611.7785
<sup>1</sup> Pickaway co. O.	"	977.1815	physiology		612.796
Picketing	labor strikes	331.891	urin	"	612.46127
Picnic lunches	dom. econ.	642.3	Pigmies		
<b>Pictorial art</b>	fine arts	700	folklore		398.4
<sup>1</sup> Pictou co. N. S.	history	971.613	human	biology	573.8
Picts	ancient history	936	teratology		611.012
Scottish	"	941.01	Pigs	diseases of	619.4
Picture			domestic animals		636.4
fittings	lib. econ.	022.93	zoology		599.7
frames	decoration	749	<sup>1</sup> Pike co. Ill.	history	977.345
<b>galleries</b>	fine arts	708	<sup>1</sup>	Ind.	"
lib. bldgs		022.656	<sup>1</sup>	Mo.	"
econ.		021.48	<sup>1</sup>	O.	"
gallery	dom. econ.	645.69	<sup>1</sup>	Pa.	"
Pictures			Pilasters		
domestic economy		645.5	arch. construction		721.86
school decoration		371.636	design		729.32
U. S. history	civil war	973.797	carvd arch. decora.		729.57
revolution		973.397	painted	" "	729.47
war 1812		973.5297	Pile		
Picturesque			<b>foundations</b>	architecture	721.14
beauty esthetics		701	engineering		624.154
views and tours		910	<b>material architecture</b>		721.14
Piecework			methods	"	721.15
payment	wages	331.231	Piledriver		
<sup>1</sup> Piedmont, Italy	history	945.1	foundations	"	721.151
Pierce, F.	presidency of	973.66	engin'g		624.1551
<sup>1</sup> Pierce co. Wis.	history	977.542	Piledriving		624.1
Pierpont, J.	Am. poetry	811.26	Piles	diseases	616.35
			foundations		721.16

- Piles sand foundations 721.16  
 Pilgrim fathers, Mass. hist. 974.48  
 Pilgrimages, religious 248  
 Pillow, Ft U. S. civil war 973.7361  
 Pillows dom. econ. 645.47  
 Pilocarpin physiology 612.31342  
     therapeutics 615.743  
 Pilot laws 347.7  
 Pilots protection of life 614.866  
     seamanship 656  
 Pindar Greek poetry 884.5  
 Pindar, Peter Eng. satire 827.65  
 Pindemonte, I. Ital. poet 851.63  
 Pineal gland anat. 611.8145  
 Pineapple agriculture 634.7  
     botany 584.22  
 Pines " 585.2  
     forestry 634.9  
 Pinnipeds mammals 599.7  
 Pins for electric wires 621.319224  
 Pioneering tools mil. sci. 355.84  
 Pioneers biography 923.9  
 Pipefish zoology 597.5  
 Piperacæ botany 583.925  
 Pipes  
     elephant Amer. antiqui. 913.73  
     hydraulics 532.54  
     on houses sewer vent. 628.234  
     prehistoric archeology 571.26  
     sewer 628.22  
     steam heating 697.5  
         transmission 621.185  
     strength of materials 620.11283  
     subsurface road engin'g 625.78  
     waterworks 628.15  
 Pipethreading machines 621.944  
 Pipets practical chem 542.66  
     gas " " 542.73  
     graduated " " 542.35  
 Piping compressed air 621.532  
     hydraulic pressure 621.253  
     refrigeration 621.566  
     shipbuilding 623.87  
     steam engineering 621.185  
<sup>1</sup>Piqua city, O. history 977.148  
 Piracy " 910.4  
     law 343  
 Pirates biography 923.41  
 Piriformis muscle anat. 611.73816  
 Piron, Alexis Fr. drama 842.55  
 Pisa, Guido da Ital. fiction 853.13  
<sup>1</sup>Pisa, Italy history 945.5  
     travel 914.55  
<sup>1</sup>Piscataquis co. Me. hist. 974.12  
 Pisces zoology 597  
 Pisciculture business 639.3  
 Pisé walls 721.23  
 Pisidia ancient history 939.27  
 Pisiform bones anat. 611.71774  
 Pissette wash bottles chem. 542.69  
 Pistoia, Cino da Ital. poet. 851.16  
 Pistols manufacture 683  
     small arms 623.443  
 Piston  
     blowers mech. eng. 621.61  
     pumps engineering 621.652  
     steam locomotiv 621.1341  
 Pit dwellings prehist. arch. 571.82  
<sup>1</sup>Pitcairns island history 997  
     travel 919.7  
 Pitcher plants botany 583.121  
 Pitchstone lithology 552.23  
 Pitilla, Jorge Span. satire 867.41  
 Pitman, Benn shorthand 653.5  
     Izaac " 653.61  
 Pitt, William  
     lord Chatham Eng. orat. 825.61  
     1759-1806 " " 825.66  
 Pittosporæ botany 583.141  
<sup>1</sup>Pittsburg, Pa. history 974.886  
     Landing  
         U. S. civ. war 973.7326  
 Pituitary  
     body anatomy 611.8143  
         physiology 612.492  
     membrane anatomy 611.21  
 Pius 4 creed 238.2  
 Pivot  
     bridges engineering 624.83  
 Pizarro discovery of Amer. 973.16  
 Placenta  
     embryology 611.01385  
     obstetrics 618.36  
     removal in labor 618.87  
     retention in " 618.56  
<sup>1</sup>Placer co. Cal. hist. 979.438  
     mining 622.32  
 Placers economic geology 553.13  
 Places, names of 929.4  
     etymology 929.4  
 Placoids paleontology 567.3  
     zoology 597.3  
 Plade, Peder Danish misc. 839.8824  
 Plagiarism lit. methods 029.6  
 Plagiostomi fishes 597.3  
 Plague diseases 616.923  
 Plagues, hist. of pub. helth 614.49  
 Plain song cathedral music 783.25

Plains			
of the moon	astronomy	523.34	
physical	geography	551.45	
Plan			
architectural	design	729.2	
of house	dom. econ.	643.2	
kitchen	" "	643.31	
library	book cases	022.443	
Planche, J. B. G. Fr. essays		844.73	
Plane			
geometry		513.1	
inclined	physics	531.85	
loci	analytic geom.	516.1	
of orbit in space	astron.	521.21	
perspectiv		515.61	
table	surveying	526.96	
trigonometry		514.5	
Planers, metal		621.912	
Planes			
aeronautics		629.181	
analytic	geometry	516.32	
descriptiv	"	515.11	
geometry		513.1	
inclined	canal eng.	626.5	
modern	geometry	513.51	
solid	"	513.31	
Planetarium descr. astron.		523.28	
Planetary system astron.		523.25	
Planetoids astronomy		523.44	
Planets			
descriptiv	astron.	523.4	
distributiv	laws	523.21	
maps and	observations	524.4	
mutual	action	521.41	
nonsphericity		521.43	
observations	of	523.49	
theoretic	astronomy	521.5	
Planimetry surveying		526.97	
Planing mach. mech. eng.		621.91	
Planisphere astronomy		522.78	
Plank			
foundations	architecture	721.162	
Plans			
architectural		720	
for bildings		692	
libraries	lib. bildings	022.3	
of cities	maps	912	
Plantagenets Eng. history		942.03	
	Irish "	941.53	
Plantaginæ botany		583.899	
Plantar artery anat.		611.13795	
	muscle	611.73855	
	veins	611.14739	
Plantation songs		784.7	
Planté			
accumulators	elec. eng.	621.3552	
Faure	" " "	621.3554	
Planting agriculture		631	
Plants			
and animals	differences	577.5	
botany		580	
classification	of	580.1	
gardening		716.1	
geologic	agents	551.97	
landscape	gardening	710	
nature	-printing from	655.37	
nutrition	agriculture	631.811	
paleontology		561	
school	decoration	371.638	
Plasma,	blood physiology	612.12	
Plaster			
building	material	691.5	
casts	sculpture	730	
ceilings	arch. construc.	721.75	
fertilizers	agriculture	631.821	
of paris	fertilizers	631.821	
	art	731	
	eng. materials	620.15	
Plastering masonry		693.6	
Plastic surgery		617.95	
Plasticity engin'g materials		620.1123	
Platanacæ botany		583.971	
Plate			
carving		736	
domestic	economy	642.7	
girders	bridge engin'g	624.23	
glass	manufacture	666.1	
insurance		368.6	
manufacture		671	
system	icemaking	621.582	
Plateaus phys. geol.		551.43	
Plated ware manufacture		671	
Platen Hallermünde		831.68	
Plates			
book	see Book plates		
strength	of materials	620.11282	
Platform			
foundations	architec.	721.16	
	engin'g	624.156	
suffrage		324.239	
Plating			
books	lib. econ.	025.253	
manufactures		671	
Platinum			
filaments	elec. lighting	621.32641	
inorganic	chemistry	546.92	
Plato ancient philosophy		184.1	
	Greek literature	888.4	



Plato idealism	141	<b>Plumbing</b>	<b>696</b>
<b>Platonic philosophy</b>	<b>184</b>	house drainage	628.6
<b>Platonists, new</b>	<b>186</b>	laws	696.9
<b><sup>4</sup>Platt Deutsch language</b>	<b>439.4</b>	Plums fruit culture	634.2
<sup>5</sup> literature	839.4	Plunger pumps engin'g	621.654
<sup>1</sup> Platte co. Mo. history	977.8135	Plural	
Platysma myoides anat.	611.7321	vote electoral systems	324.213
Plautus Latin drama	872.3	Plurality	
Play child study	136.7479	election suffrage	324.262
hygiene	613.74	to legislativ body	328.3355
Players, lives of	927.92	of worlds astron.	523.13
Playgrounds		Plutarch Gk literature	888.8
laboring classes	331.84	philosofers	186.2
public	796	<b>Plutology polit. econ.</b>	<b>330</b>
school	371.61	<b>Plutonic rocks lithology</b>	<b>552.3</b>
Playing cards	795	Plymouth	
Playright	655.62	brethren sects	289.9
<sup>5</sup> Plays		<sup>1</sup> co. Ia. history	977.716
English drama	822	<sup>1</sup> Mass. "	974.48
mystery history	809.2	settlement Mass. hist.	974.4
religion	244	U. S. "	973.22
theater	792	<b>Pneumatic</b>	
parlor amusements	793	aspiration therapeutics	615.815
school student life	371.895	brakes gun mounts	623.43564
Pleading	347.92	caisson foundations	721.173
<sup>1</sup> Pleasants co. W. Va. hist.	975.421	cleaning engineering	621.549
Pleasure physiology	612.82133	differentiation therapeu.	615.836
psychology	157	forcing foundations	721.175
Plectognathii fishes	597.5	pile foundations architec.	721.155
<b>Plectral stringd instruments</b>	<b>787</b>	pump physics	533.5
Pleiocene period geology	551.783	tools engineering	621.542
Plesure physiology	612.82133	tubes communication	654.8
psychology	157	engineering	621.549
Plethysmografy physiol.	612.189	lib. econ.	022.946
Pleura anatomy	611.25	<b>Pneumatics</b>	<b>533</b>
diseases of	616.25	Pneumatology metaphys.	128
physiology	612.2155	Pneumogastric nerv, see Vagus	
Pleurisy diseases	616.25	Pneumografy physiology	612.211
Pleuroperitoneal cavity	611.389	Pneumonia diseases	616.241
Pleuropneumonia		Pneumotherapy	615.64
cattle disease	619.24	<sup>4</sup> Pocahontas co. Ia. hist.	977.719
diseases	616.241	<sup>1</sup> W. Va. "	975.487
Pliny Latin letters	876.2	Pocket veto legislation	328.375
Plong, Carl Dan. poetry	839.8168	Pockets, card lib. econ.	025.255
Plot of 1604-6 Eng. hist.	942.061	Podophtalma	
1679 " "	942.066	crustaceans	595.38
Plotinus Gk filosofers	186.4	gastropods	594.3
Plotting surveying	526.96	spiders	595.4
Plow agriculture	631	Podophtalmata crustaceans	595.38
steam machinery	621.146	Podophtamia "	595.38
<sup>1</sup> Plumas co. Cal. hist.	979.429	Podophtalmidae spiders	595.4
Plumbagineæ botany	583.671	Podostemaceæ botany	583.921
Plumbago econom. geol.	553.26	Poe, Edgar Allan Am. poet	811.32

Poetic			
books of Bible	223		
<sup>5</sup> selections Eng. litera.	821.08		
Poetry			
American literature	811		
English       "	821		
French       "	841		
German       "	831		
Greek        "	881		
<sup>5</sup> humorous Eng. lit.	827		
Italian literature	851		
Latin        "	871		
<sup>5</sup> macaronic Eng. lit.	827		
philosophy of	808.1		
sacred hymnology	245		
<sup>5</sup> satiric Eng. lit.	827		
Spanish literature	861		
other literature see table 5			
U. S. history			
civil war	973.791		
Mex. "	973.6291		
revolution	973.391		
Span. war	973.8991		
war of 1812	973.5291		
Poets, lives of	928		
English	928.21		
French	928.41		
German	928.31		
Italian	928.51		
Spanish	928.61		
Poikilothermic animals			
comp. physiol.	612.39192		
Poincaré French hist.	944.08		
Pointed architecture	723.5		
Pointer telegraf elec.*eng.	621.38225		
Points modern geometry	513.51		
Poisoned wounds surgery	617.148		
Poisonous			
cosmetics adulterations	614.355		
plants econ. botany	581.65		
secretion animals	591.145		
Poisons			
chemic analysis	543.5		
domestic economy	648.7		
effect on bile	612.3574		
gastric juice	612.324		
intelligence	612.8214		
intestin	612.334		
iris	612.8424		
liver	612.354		
milk secretion	612.6644		
nerv cells	612.82254		
nerv. irritability	612.8167		
pancreas	612.344		
reflexes	612.83394		
Poisons			
effect on respiration	612.284		
salivary glands	612.3134		
swet	612.7924		
temperature	612.544		
urin secretion	612.464		
effects of diseases	616.97		
elimination by bile	612.3575		
gastric juice	612.324		
saliva	612.31341		
swet	612.79242		
urin	612.4643		
thru milk	612.6644		
house sanitation	648.7		
medical jurisprudence	340.6		
mesology	612.01446		
neuroses from special	616.86		
sale of state control	614.28		
therapeutics	615.9		
vegetable econ. botany	581.69		
<sup>1</sup> Poitou, French history	944.6		
Poker amusements	795		
ethics	175.5		
<sup>4</sup> Polabian language	491.89		
Poland			
<sup>1</sup> history	943.8		
insurrection of history	947.07		
<sup>4</sup> language	491.85		
<sup>5</sup> literature	891.85		
partition of history	947.06		
<sup>1</sup> Russian	947.5		
Polar			
duplex telegraf elec.eng.	621.382323		
projections descr. geom.	515.54		
regions, antarctic travel	919.9		
<sup>1</sup> arctic history	998		
travel	919.8		
Polarimeters' quan. anal.	545.8		
Polarimetry of urin physi.	612.461176		
Polariscope optics	535.5		
Polariscopic anal. chem.	544.7		
Polarity in rocks geology	551.84		
Polarization			
of light astronomy	522.65		
chemistry	544.7		
optics	535.5		
Polars			
modern anal. geom.	516.55		
geometry	513.55		
Polemic sermons	252.2		
theology	230		
Polemoniaceæ botany	583.761		
Polemoniales	583.76		

Poles			<sup>1</sup> Polk co. Ia. history	977.758
aerial elec. lines	621.319223		<sup>1</sup> Mo. " "	977.877
modern anal. geom.	516.55		<sup>1</sup> Wis. " "	977.517
geometry	513.55		Polka piano music	786.44
telegraf communication	654.4		Poll tax polit. econ.	336.25
elec. eng.	621.319223		Pollak-Virag telegraf	621.38246
Police			Pollen fertilization	581.3
boats shipblding	623.826		Pollution	
local government	352.2		air by cemeteries	614.652
medical state control	614.29		<b>public helth</b>	<b>614.7</b>
mesures administration	351.74		water by cemeteries	614.651
sanitary "	351.77		supply of towns	628.16
stations architecture	725.18		Polo amusements	797
Policy			Polonaise piano music	786.44
<b>legislativ pol. sci.</b>	<b>328.24</b>		Polonium inorgan. chem.	546.892
Poliomyelitis, anterior, see			Polyandry customs	392.6
Paralysis, infantil			ethics	173.2
Polish chem. technology	667.7		Polycarpææ botany	583.155
Polish discovery of Amer.	973.11		Polychromatic ornament	747
<sup>4</sup> language	491.85		Polycystina zoology	593.14
<sup>5</sup> literature	891.85		<b>Polyedrons geometry</b>	<b>513.34</b>
Polishing dom. econ.	648.55		Polygalææ botany	583.143
painting	698.3		<b>Polygalineæ "</b>	<b>583.14</b>
Politeness ethics	177.1		Polygamy	
etiquet	395		criminal law	343
Political			customs	392.6
assessments suffrage	324.233		Edmunds act U. S. hist.	973.84
associations	363		ethics	173.2
conventions	329		hygiene	613.89
economists' lives	923.3		Mormonism	298
economy	330		Polyglot Bibles	220.5
ethics	172.1		dictionaries	413
history	900		Polygonaceæ botany	583.917
U. S. civil war	973.71		Polygoneutic variation zool.	591.154
Mex. "	973.621		Polygons geometry	513.16
revolution	973.31		Polygrafy special lib.	080
Span. war	973.891		<sup>2</sup> see subject for topical collec.	
war 1812	973.521		<b>Polyhedra geometry</b>	<b>513.34</b>
organizations	363		Polymerism chemistry	541.7
parties	329		Polymorphic variation zool.	591.151
science	320		Polymorphism crystallog.	548.3
sermons	252.6		<sup>1</sup> Polynesia history	996
status of woman	396.3		languages	499
theory political sci.	320.152		travel	919.6
troubles internal relat.	323.2		Polypetalæ botany	583.1
Politicians biografy	923.2		Polyphase	
Politics, American	329		machinery elec. eng.	621.31332
British	329.942		traction systems " "	621.33143
morals of	172.1		transmission " " "	621.31913
relations to pol. econ.	330.1932		Polyphonic school music	783.4
Polity, ecclesiastic	262		Polypnea respiration	612.223
Poliziano, A. Ital. drama	852.22		thermic physiolo.	612.534
poetry	851.24		Polyps zoology	593.6
Polk, J. K. presidency of	973.61		Polypus diseases	616.992

Polysaccharids nutrition	612.39611	Popes church history	282
Polytheism	290	lives	922.2
Polyuria physiology	612.4641	Popham colony Maine hist.	974.1
Polyzoa zoology	594.7	Popish plot, 1679 Eng. hist.	942.066
Pomace		Popliteal	
fertilizers agriculture	631.847	artery anatomy	611.13786
Pomaceous		glands "	611.4683
fruits agriculture	634.1	muscle "	611.73856
Pome		space "	611.983
fruits agriculture	634.1	veins "	611.1473
Pomegranate agriculture	634.6	Poppy botany	583.122
<sup>1</sup> Pomerania, Ger. history	943.16	Popular	
Pomology agriculture	634	ballads	784.4
Pompeii description	913.377	delusions	133
Pompey's pillar		education, public	379
Egyptian antiquities	913.32	elections suffrage	324
monuments	718	errors	133
Pompignan, J. J. de Franc de	841.53	lectures self education	374.5
Ponce de Leon Am. discov.	973.16	science	500
Ponds		soverenty U. S. hist.	973.64
artificial landsc. garden.	714	summer schools self educ.	374.8
physical geology	551.48	tumults public order	351.752
Ponies		Population statistics	312
domestic animals	636.1	Porcelain	
student honor	371.81	art	738
zoology	599.7	chemic technology	666.5
Pons Varolii anatomy	611.8173	painting	738
physiology	612.8268	vessels prac. chem.	542.232
Ponsard, François Fr. dram.	842.82	Porcupines zoology	599.3
Pontederiaceæ botany	584.34	Porifera "	593.4
Pontiac, consp. of Can. hist.	971.02	Pork packing air pollut.	614.743
U. S. "	973.27	trichinae pub. helth	614.562
<sup>1</sup> co. Que. hist.	971.421	Porosity, properties of solids	539.2
<sup>1</sup> Pontifical states Ital. hist.	945.6	Porous terra construc. bldg	693.4
Pontificate, Rom. eccles. pol.	262.13	Porphyrite lithology	552.31
Pontoon bridges		Porphyzation prac. chem.	542.22
engineering	624.87	Porphyry Greek philos.	186.4
military engineering	623.652	Porphyry econ. geology	553.56
Pontoppidan, E. Dan. misc.	839.8841	lithology	552.31
Pontus ancient history	939.33	Porpoises zoology	599.5
Poolselling ethics	175.9	Port Hudson, La. siege	973.7347
Poor		<sup>1</sup> Huron, Mich. history	977.441
laws local government	352.9	Royal heresy	273.7
pauperism	339	persecutions	272.5
rates	336.28	S. C. U. S. civ. war	973.751
Poorhouses		Porta, G. della Ital. dram.	852.45
architecture	725.55	Porta anatomy	611.8148
asylums	362.5	Portable	
pauperism	339	boilers engineering	621.18423
Poot, H. C Dutch poetry	839.3142	engins mechan. eng.	621.15
Pope, Alex. Eng. "	821.53	observatories astron.	522.15
satire	827.55	<sup>1</sup> Portage co. O. history	977.137
<sup>1</sup> Pope co. Ill. history	977.3991	Wis. "	977.553
Popery ecclesiastic polity	262.13		

- Portal ligature physiology 612.35151  
 vein anatomy 611.149
- Portents 133.3
- Porter, Jane Eng. fict. 823.75  
 Noah Am. philos. 191.6
- <sup>1</sup> Porter co. Ind. history 977.298  
 travels 917.7298
- Porters  
 domestic servis 647.25  
 library servis 023.795  
 lodges architecture 728.91
- Portio dura anatomy 611.8317
- Portland  
 cement econ. geology 553.68  
 manufacture 666.9  
 vase pottery 738
- <sup>1</sup>Portneuf co. Que. hist. 977.4466
- <sup>1</sup>Porto Rico history 972.95
- Portrait painting 757
- Portraits  
 catalogs of 757  
 collections of painting 757  
 engraved 769
- Ports, establish'm't of tides  
 shipbiding 623.85
- Portsmouth  
<sup>1</sup> England, history 942.27  
 travel 914.227
- <sup>1</sup> O. history 977.1871
- <sup>1</sup>Portugal history 946.9  
 travel 914.69
- Portuguese  
 discovery of America 973.16
- <sup>4</sup> language 469
- <sup>5</sup> literature 869  
 Romanesque architecture 723.46
- Portulacæ botany 583.156
- <sup>1</sup>Posen, Germany history 943.13
- <sup>1</sup>Posey co. Ind. history 977.234
- Posidonius Gk philos. 188.5
- Position  
 calculus of anal. geom. 516.8  
 of body in orbit astron. 521.23  
 space " 521.24  
 orbit " 521.22  
 shorthand 653.01
- Positivism filosofy 146
- Posology materia med. 615.14
- Possession  
 territorial pol. sci. 320.1263
- Possessiv pronouns  
<sup>3</sup> English etymology 422.7  
<sup>3</sup> syntax 425.7
- Post  
 auricular glands anatomy 611.4632  
 commissure " 611.8141  
 mortem exam. pathol. 616.079  
 Nicene apostolic church 281.4  
 pliocene period geology 551.79
- Postage stamps 383  
 legis. supplies 328.364
- Postal savings banks 332.2  
 servis 383  
 telegraf 384
- Posterior commissure 611.8141
- Posters advertising 659.1  
 cartoons 741
- Postl, Karl Ger. fiction 833.74
- Postludes organ music 786.85
- Postoffis administration 351.816  
 clerks suffrage 324.247  
 dep't U. S. admin. 353.4
- Postoffises architecture 725.16  
 sociology 383
- Posts carpentry 694.4  
 army mil. engin'g 623.613
- Potash  
 agriculture 631.83  
 chem. tech. 661.3
- Potassium inorg. chem. 546.32  
 salts as food 612.39262
- Potato agriculture 635.2  
 botany 583.79  
 beetle agric. pests 632  
 disease agriculture 632  
 botany 581.21
- Potential  
 meters elec. eng. 621.3743  
 regulators " " 621.3145  
 static electricity 537.21
- Potentials  
 law of attraction 531.51  
 of ellipsoids geodesy 526.11
- Potentiometer elec. engin'g 621.3743
- <sup>1</sup>Potenza, Italy history 945.77
- Potgieter, E. J. Dutch lit. 839.3453
- Potholes geology 551.92
- Potomac, army of the  
 U. S. civ. war 973.7416
- <sup>1</sup> valley W. Va. hist. 975.49  
 trav. 917.549
- Potpourris orch. music 785.9
- <sup>1</sup>Pottawattamie co. Ia. hist. 977.771
- Potter, Dirce Dutch poetry 839.3115
- <sup>1</sup>Potter co. Pa. history 974.855
- Potters clays econ. geology 553.61

Pottery			Pragmatic sanction	
art	738		Byzantine empire	949.5
<b>manufacture</b>	<b>666.3</b>		Gallic church	282.44
painting	738		political science	321.6
prehistoric	571.55		Pragmatism	149.9
refractory prac. chem.	542.23 <sup>2</sup>		<sup>1</sup> Prague, Germany hist.	943.71
works architecture	725.48		trav.	914.371
Poultry, diseases of	619.5		Prairies phys. geografy	551.58
domestic animals	636.5		Praise meetings. pub. worship	264.2
manure agric.	631.86		<b><sup>4</sup>Prakrit language</b>	<b>491.2</b>
Poverty pauperism	339		Pram, K. H. Dan. poetry	839.8155
Powder			Praseodymium inorg. chem.	546.642
baking adulterations	614.315		Prati, Giovanni Ital poet.	851.78
chem. tech.	664.6		Giovanni da " fict.	853.25
gun manufactures	662.3		Prawns fishery	639.5
manufacture	662.3		Prayer	
<b>military engineering</b>	<b>623.452</b>		books, Anglican	264.03
protectiv external agents	615.776		church ritual	264.1
toilet	646.7		family	249
Power			gage natural theology	217
balance of polit. science	320.1		Lord's gospels	226.9.
<b>delivery elec. traction</b>	<b>621.3315</b>		meetings	264.7
gas producers	665.7		natural theology	217
meters elec. eng.	621.3746		of Manasses Apocrypha	229.6
of removal civil servis	351.92		private personal relig.	248
<b>plants, electric</b>	<b>621.312</b>		<b>Preachers biografy</b>	<b>922</b>
gas engin	621.49		<b>Preaching</b>	<b>251</b>
steam	621.19		friars Dominicans	271.2
<b>pumps engin'g</b>	<b>621.64</b>		Pre-Adamites	573.3
railroad engin'g	625.26		<sup>1</sup> Preble co. O. history	977.171
ship design	623.81		<b>Precedence heraldry</b>	<b>929.7</b>
<b>transmission elec. eng.</b>	<b>621.319</b>		Precession prac. astron.	522.95
<b>mech. "</b>	<b>621.8</b>		theoret. "	521.9
vessels shipbilding	623.823		Precious	
yachts "	623.824		metals metallurgy	669.2
Powers			<b>mineralogy</b>	<b>549</b>
legislativ pol. sci.	328.34		stones econ. geol.	553.8
legislatures	328.34		<b>mineralogy</b>	<b>549</b>
of library trustees	023.35		Precipitation	
separation of Eng. gov't.	354.4202		disposal of sewage	628.34
Fr. "	354.4402		practical chemistry	542.65
Ger. "	354.4302		Precocity	
U. S. "	353.02		child study	136.765
<sup>1</sup> Poweshiek co. Ia. history	977.7596		education	371.945
Practical			<b>Precolumbian disc. of Amer.</b>	<b>973.11</b>
astronomy	522		Precribrum anatomy	611.8133
<b>chemistry</b>	<b>542</b>		Precuneus "	611.81318
mining	622.2		Predestination doc. theol.	234.9
pharmacy materia med.	615.4		Predicting machines tides	525.68
religion	240		Predictions	133.3
sermons	252.4		Preemption state land	336.13
Practis of medicin	616		Preexistence of the soul	129.3
state control	614.2		Prefect French loc. gov't	352.0444
			Preferential vote	324.224

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- <sup>3</sup>Prefixes English etymol. 422.2
- Pregnancy** obstetrics 618.2  
 pathology of 618.3  
 physiology 612.63
- Prehension of food physiol. 612.311
- Prehistoric  
 archeology 571  
 man nat. hist. of man 573
- Prejudis logic 165  
 social ethics 177.3
- Prelacy ecclesias. polity 262.12
- Preludes organ music 786.83
- Premature interment 614.61
- Prenatal circulation 612.179
- Preordination doctr.theol. 234.9
- Preparation  
 of fertilizers agric. 631.812
- Preparatory schools, girls 376.63  
 private 373  
 public 379.171
- Prepeduncles anatomy 611.8164
- <sup>3</sup>Prepositions Eng. etymol. 422.9  
 syntax 425.9
- Prepuce anatomy 611.642
- Preraphaelitism 759.9
- Prerogativs  
 legislativ bodies 328.34
- Presages 133.3
- Presbyopia physiology 612.8454
- Presbyter ministry 262.14
- Presbyterian orders 262.18
- Presbyterians 285  
 lives 922.5
- Presbytery eccles. polity 262.4
- Prescience divine attrib. 231.4
- <sup>1</sup>Prescott co. Ont. history 971.386
- Prescription-writing 615.14
- Presentations  
 in labor obstetrics 618.42  
 of flags U. S. civil war 973.763
- Presents, Christmas 394
- Preservation  
 of fish chem. tech. 664.9  
 food chem. technology 664.8  
 dom. economy 641.4  
 fruits chem. tech. 664.8  
 meats " " 664.9  
 munitions of war 623.481  
 vegetables chem. tech. 664.8
- Preservatives  
 bilding 691  
 zoologic collections 579.2
- Preserving cookery 641.4
- President  
 inauguration ceremonies 394.4  
 protem legis. bodies 328.3622  
 ship, & Little Belt U.S.hist. 973.51  
 capture war 1812 973.5257  
 U. S. government 353.03  
 veto power U. S. 353.03
- Presidential  
 elections U. S. 324.73  
 succession act U. S. hist. 973.85
- Presidents biografy 923.1  
 messages 353.03
- <sup>1</sup>Presque Isle co. Mich. hist. 977.482
- Press  
 clippings 029.3  
 agencies 029.3  
 code electric eng. 621.382154  
 hydraulic engineering 621.266  
 science 532.81  
 journalism 070  
 liberty of journalism 070.13  
 polit. sci. 323.445  
 library propagandism 021.74  
 morals of 179.1  
 printing 655.31  
 public order 351.751  
 work printing 655.32  
 writing for lit. methods 029.6
- Presses  
 filter practical chem. 542.67  
 hanging lib. economy 022.481  
 hydraulic machinery 621.266  
 practical chemistry 542.68
- Pressing, hydraulic print'g 655.33
- Pressure  
 arterial physiology 612.182  
 barometric " 612.27  
 gages pneumatics 533.82  
 steam engin'g 621.1847  
 of air meteorology 551.54  
 blood physiology 612.14  
 clothing hyg ene 613.484  
 liquids hydraulics 532.1  
 regulation accumulators 621.3125  
 sense physio'ogy 612.883  
 turbins steam engin'g 621.16523  
 wind bridge engin'g 624.175
- Prestidigitation 791
- <sup>1</sup>Preston co. W. Va. hist. 975.482
- Pretenders English history 942.07
- Prevention of  
 contagious diseases 614.44  
 cruelty ethics 179.2  
 fire protection of life 614.841

Prevost d' Exiles, A. F.				Prince	
French fiction	843.53			<sup>1</sup> Edward Is. Can. history	971.7
Priapus mythology	291			<sup>1</sup> George co. Md. "	975.251
<sup>1</sup> Price co. Wis. history	977.524			Princes education	371.961
Price's Missouri expedition				Princeton, N. J.	
U. S. civ. war	973.7374			battle Amer. revol.	973.3326
Prices				college	378.749
of books lib. admin.	025.222			<sup>1</sup> history	974.967
food dom. economy	641.31			travels	917.4967
political economy	338.5			Principles, general probab.	519.1
Pride ethics	179.8			Printed catalogs lib. econ.	025.3
Priest ministry	262.14			Printers biography	926.5
<b>Priesthood</b> "	262.1			marks hist. of printing	655.1
Priests				occupation hygiene	613.65
celibacy of	254			Printing	
ethics	176.2			bill legislativ procedure	328.373
<b>Roman cath. biography</b>	922.2			<b>business</b>	655
Primacy eccles. polity	262.13			calico chem. tech.	667.3
<b>Primaries suffrage</b>	324.23			inks " "	667.5
Primary				library administration	025.12
caucus suffrage	324.235			presses	655.31
cells electric engin'g	621.353			telegrafs communicat.	654.3
direct suffrage	324.237			elec. engin'g	621.3825
<b>period geology</b>	551.72			<b>trade</b>	655
<b>schools methods</b>	372			Prints	
state system	379.18			books of	769
Prime				cloth chem. technology	667.3
meridian cosmic time	529.77			Prior, Matthew Eng. poet.	821.51
geog. coordin.	525.46			Prisms	
numbers arithmetic	511.3			geometry	513.36
vertical astron. instru.	522.47			library bildings	022.73
Primers elementary educ.	372.4			lighting	628.9
Primers military eng.	623.45422			optics	535.81
Primeval				Prison	
<b>man nat. hist. of man</b>	573			associations	365
<b>prehist. archeology</b>	571			contracts polit. econ.	331.5
Priming tides	525.63			disciplin	365
Primitiv				life Amer. civil war	973.77
apostolic church	281.2			Prisoners	
boats <b>shipblding</b>	623.821			of war ass'n, Union	369.155
Christianity	270.1			internat. law	341.3
<b>church</b>	281			Prisons	365
culture	571			<b>and reformatories arch.</b>	725.6
<b>man, customs of</b>	571			hygiene	613.57
Methodist church	287.4			labor pol. econ.	331.51
streak embryology	611.01333			<b>U. S. history civil war</b>	973.77
Wesleyan church	287.5			Mex. "	973.627
Primogeniture law	347.6			<b>revolution</b>	973.37
Primrose leag polit. assoc.	363			Span. war	973.897
Primulacæ botany	583.672			<b>war of 1812</b>	973.527
<b>Primulales</b> "	583.67			Private	
Prince				banks	332.13
<sup>1</sup> co. P. E. I. history	971.71			grounds landsc. garden.	712
<sup>1</sup> Edward co. Ont. "	971.3587				

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Private  
 international law 341.5  
 judgment eccles. pol. 262.8  
 legislation 328.378  
 libraries 027.1  
 library catalogs, author 018.2  
     clast 017.2  
     dictionary 019.2  
 marks lib. economy 025.251  
 notes polit. " 332.5  
 ownership of land 333.3  
 reading self-education 374.1  
 schools 373  
     public aid to 379.121  
 theatricals 793  
     ethics 175.2  
 vs public schools 379.3  
 worship 248
- Privateering  
 international law 341.3
- Privateers  
 U. S. history civil war 973.759  
     revolution 973.358  
     war of 1812 973.5258
- Privately printed books  
 library economy 025.227  
 rarities 094
- Privation  
 effects of diseases 616.985  
 hygiene 613.88
- Privies air pollution 614.764  
 sanitation 628.41
- Privileged communications,  
 medico-legal 614.23
- Privileges  
 government library aid 021.86  
 legislatures 328.347  
 of library executiv 023.43  
 special, to library readers 024.7
- Privy council Eng. gov't 354.4204
- Prize  
 fighting ethics 175.6  
 money mil. science 355.13
- Prizes  
 in school education 371.53  
 international law 341.3  
 maritime " 347.7
- Probabilities mathematics 519
- Probate law 347.6
- Probation of malefactors 364
- Problem of three bodies 521.13
- Problems differen. calcul. 517.29  
 integral " 517.39  
 see subject
- Proboscidea mammals 599.6
- Procedure law 347.9  
 legislativ 328.37  
 voting suffrage 324.24
- Process shops mfg plant 621.794
- Processes  
 antirust bilding 691.7  
 bilding materials 691
- Processional cathed. music 783.29
- Processions customs 394.5
- Proclus Gk filosofers 186.4
- Proctor's creek, Va. battle 973.7365
- Prodicus Gk filosofers 183.1
- Produce agriculture 633
- Production  
 of fertilizers agric. 631.812  
 metals pol. econ. 332.41  
 political economy 338  
 wages pol. econ. 331.213
- Productions of the soil 633
- Profanity ethics 177.2
- Professional  
 ethics 174  
 remuneration pol. econ. 331.27  
 schools 378.99  
     architecture 727.4  
     libraries 371.648  
 see also name of profession  
 servises bilding 692.8
- Professors' salaries educ. 371.161
- Professorships  
 of books and reading 028.6
- Profiles fortifications 623.111
- Profit sharing pol. econ. 331.24
- Profits capital and labor 331.1
- Prognostications 133.3
- Program music, orchestral 785.4
- Progress  
 civilization 901  
 of population, statistics 312  
 sociology 301
- Progression  
 algebra 512.6  
 arithmetic 511.6
- Progressiv  
 development of man 575.6  
 friends sects 289.6  
 wages economics 331.225
- Prohibited  
 books book rarities 098  
 bullets small arms 623.45535
- Prohibition  
 party polit. science 329.81  
 temperance 178.5

Projectil fuzes mil. eng.	623.45423	Property	
Projectils		city local taxation	352.1
artillery ordnance	623.451	law of title to	347.2
deviation of	525.37	literary publishing	655.6
ballistics	623.54	personal law	347.3
effect of mil. eng.	623.56	qualification legis. bod.	328.331
military engineering	623.45	suffrage	324.46
physics	531.55	real law	347.2
Projection		state finance	336.1
of shadows perspectiv	515.63	suffrage	324.13
Projections		tax	336.21
analytic geometry	516.57	theory of pol. econ.	335.01
descriptiv "	515	Prophecy Bible inspira.	220.1
map geodesy	526.8	Prophetic books of Bible	224
Prolapsus funis in labor	618.58	Proportion	
Proletariat		algebra	512.6
social classes	323.33	arithmetic	511.6
Prominences sun	523.75	in art esthetics	701
Promis ethics	174.7	of elevation arch. design	729.13
Promiscuity customs	392.6	occupiable area	
Promissory notes law	347.7	ground hygiene	614.784
pol. econ.	332.5	plan arch. design	729.23
Promotion of pub. welfare	351.8	Proportional representation	324.224
Promotions, military	355.11	Proprietary libraries	027.2
of scholars	371.28	Proprius muscle anat.	611.73843
teachers	371.165	Propulsion	
Pronator muscle of forearm	611.7374	shipbilding	623.81
*Pronominal forms		Prorogation	
Eng. etymol.	422.7	legislativ bodies	328.356
<sup>3</sup> Pronouns Eng. syntax	425.7	Proscription crim. law	343.2
<sup>3</sup> Pronunciation " lang.	421.5	<sup>3</sup> Prose composition Gk	488.2
Proof and copy lit. meth.	029.6	Latin	478.2
legal law	347.94	Prosencephalon anat.	611.813
reading printing	655.25	Proslavery slavery	326.7
Propaganda, library	021.79	Prosody	
Propagandism, library	021.7	comparativ philol.	416
Propagation		<sup>3</sup> English language	426
of contagious diseases	614.43	<sup>3</sup> Greek "	486
light optics	535.2	<sup>3</sup> Latin "	476
magnetism	538.2	Prospecting min. engin'g	622.1
sounds acoustics	534.2	Prostate gland anatomy	611.637
Propellers		diseases	616.65
aviation	629.184	Prostitution administra.	351.764
ballooning	629.164	ethics	176.5
Propelling		hygiene	613.87
machinery shipbilding	623.87	Prostration, nervous	616.843
Proper		Protagoras Gk filosofy	183.1
motions stars	523.83	Protaminic nucleus	
names persons, places	929.4	nutrition	612.398191
of season cathed. music	783.23	Protamins nutrition	612.398138
Propertius Lat. lyric poet.	874.4	Proteaceæ botany	583.932
Property		Protection	
capital	331	against pests agriculture	632
church	254	dom. econ.	648.7

- Protection  
of animals 591.57  
**human life from accid.** 614.8  
political economy 337.3
- Protectiv  
**devices elec. line** 621.3198  
stations 621.3178  
local telephone 621.38694  
telephone stations 621.38794  
**devices telegraf** 621.38328  
external agents, therapeu. 615.776  
**inoculation, pub. helth** 614.47
- Protectorate Eng. history 942.064
- Protectorates pol. sci. 321.027
- Proteids chem. of food 641.12  
physiology 612.398145
- Proteolytic ferments  
in gastric juice 612.3215  
nutrition 612.3983  
physiologic chemistry 612.01513
- Protestant  
**episcopal church** 283  
**episcopalians biograpy** 922.3  
methodist church 287.7  
reformation, *see* Reformation  
sects, continental 284
- Protestantism 284  
and Romanism 282
- Protestants, French  
persecutions of 272.4
- Protonotario, S. Ital. poet. 851.11
- Protophyta botany 589.7
- Protoplasm  
**animal physiology** 591.17  
biology 576.2  
cell histology 611.01811  
nerv " 611.01882  
cell physiology 612.01421  
muscles 612.71
- Protovertebrae embryol. 611.01361
- Protozoa paleontology 563  
zoology 593
- Provençal  
language 449  
literature 849  
Romanesque architect. 723.44
- <sup>1</sup>Provence, France history 944.9
- Proverbs, book of Bible 223.7  
folklore 398.9
- <sup>1</sup>Providence, R.I. hist. 974.52  
<sup>1</sup>co. R. I. " 974.51  
Divine theol. 231.5  
natural " 214
- Province Ger. local gov. 352.0431  
of Canada hist. 971.04
- <sup>3</sup>Provincialisms Eng. lang. 427
- Proxy  
system suffrage 324.223
- Pruning agriculture 634
- <sup>1</sup>Prussia history 943.1
- Prussian  
<sup>4</sup>language, old 491.91  
<sup>1</sup>Saxony, Germany hist. 943.18  
travel 914.318
- Prussic acid mater. medi. 615.34  
toxicology 615.962
- Prytz, A. J. Swed. drama 839.7223
- Psalmody music 783.9
- Psalms Bible 223.2  
hymnology 245
- Psalter Anglican ritual 264.038
- Pseudo gospels 229.8
- Pseudocele anat. 611.8139
- Pseudomorphs crystallog. 548.6
- Pseudoneuroptera insects 595.73
- Pseudonyms bibliograpy 014
- Psychiatry, *see* Insanity
- Psychic  
influence on digestion 612.3281  
**medicin mental pathol.** 132  
nervous diseases 616.8  
phenomena 134  
reflexes physiol. 612.8216  
research mind and body 130
- Psychology  
**comparativ physiology** 612.82131  
of fashions dom. econ. 646.01  
labor pol. econ. 331.015  
**pathologic** 132  
pedagogic 370.15  
philosofy 150  
**physiologic** 612.821
- Psychomancy divination 133.3
- Psychometry physiology 612.8211
- Psychomotiv centers " 612.8252
- Psychophysical laws 612.82188
- Psychotherapy therapeu. 615.851
- Psychometry meteorol. 551.57
- Pteridophyta botany 587
- Pterodactyl paleontology 568.18
- Pteropoda zoology 594.4
- Pterosauria reptils 598.18
- Pterygoid muscles anat. 611.73273
- Ptomains  
animal poisons 615.94  
physiology of nutrition 612.398195  
urin 612.461262

Ptyalin	salivary action	612.3132	Public		
	tryptic digestion	612.3423	use and waste of water	628.17	
Puberty	physiology	612.661	vs private schools	379.3	
Pubic joints	anatomy	611.7281	<b>welfare administration</b>	<b>351.8</b>	
Pubis	"	611.71813	works	352.5	
Public			<b>worship</b>	<b>264</b>	
accounts	administra.	351.72	Publications, library	025.122	
<b>administration</b>		<b>350</b>	Publicity		
<b>analysts adulterations</b>		<b>614.3</b>	election expenditures	324.273	
annuities		336.35	Publisher, library as	021.25	
baths		613.47	Publishers		
begging	state control	351.763	and authors	655.52	
<b>buildings</b>	<b>architecture</b>	<b>725</b>	author catalogs	015	
	care of	647.96	<b>circulars</b>	<b>015</b>	
	local governm't	352.5	lives	920.4	
charities		361	<b>Publishing business</b>	<b>655.5</b>	
charity	state control	351.84	history of	655.4	
credit	polit. econ.	336.34	societies	655.58	
customs		394	Pucci, Antonio	Ital. satire	857.14
debt	finance	336.3	<b>Pudendal plexus</b>	<b>anat.</b>	<b>611.8359</b>
documents	legis. bodies	328	Pubic nerv	"	611.83595
	library aid	021.841	<b>plexus</b>	<b>"</b>	<b>611.8359</b>
	preservation	025.8	<sup>1</sup> Puebla, Mexico	history	972.4
	print'g & distrib.	655.59	Pueblos	dwellings	571.85
<b>education</b>		<b>379</b>	Puerperal		
	administration	351.851	diseases	obstetrics	618.7
<b>finance</b>		<b>336</b>	fever	pathology	618.72
gaming	state control	351.762	public helth	614.545	
gardens		711	state	obstetrics	618.6
<b>helth</b>		<b>614</b>	Pugilism	amusement	796
	laws	614.09	ethics	175.6	
	local gov't	352.4	Puissant's deduction		
<b>lands</b>		<b>336.1</b>	L.M.Z. formulæ	526.48	
<b>law</b>		<b>340</b>	Pujol	Catalan poetry	849.9136
libraries		027.4	<sup>1</sup> Pulaski co. Ill.	history	977.3998
	state control	351.852	<sup>1</sup>	Ind.	977.292
library	author catalogs	018.1	<sup>1</sup>	Mo.	977.857
	clast	017.1	Pulci, Luigi	Ital. satire	857.22
	dictionary	019.1	Pulley	physics	531.84
	fee lib. econ.	024.26	Pulleys	mech. engin'g	621.856
notes	polit. econ.	332.5	Pulmonary		
occasions	sermons	252.6	artery	<b>anat.</b>	<b>611.131</b>
offisers, duties of	ethics	172.2	aneurism and emb.	616.247	
offises	architecture	725.13	circulation, blood pressure	612.148	
<b>safety administration</b>		<b>351.75</b>	elasticity	612.212	
<b>sanitation</b>		<b>614</b>	muscles	physiology	612.2153
<b>schools</b>	<b>education</b>	<b>379</b>	respiration	animals	591.127
securities	polit. econ.	336.3	valvs	anatomy	611.12656
servis	commissions	380	veins	"	611.141
shows	ethics	175.1	Pulmones	anat.	611.24
speakers	hygiene	613.65	Pulmotor		
speaking, oratory		808.5	first aid	617.18	
spirit	patriotism	172.1	drowning	614.812	
urinals	sanitation	628.45	suffocation	614.82	

Pulmotor			Pupil of eye	anatomy	611.8421
physiology	612.2321		physiology	612.8421	
therapeutics	615.64		Pupillometers	"	612.84211
Pulp, dental			Pupin coils	telefony	621.38785
diseases of	dentistry	617.61	Puppet plays		792
Pulpit			Purchase		
clergy	262.1		of college degrees		378.26
eloquence homiletics	250		fertilizers		631.817
library propagandism	021.76		territory	pol. sci.	320.1267
oratory	251		<b>Pure food</b>	<b>pub. helth</b>	<b>614.3</b>
Pulpits			Purgativs	physiology	612.3344
architectural accessories	729.92		therapeutics		615.7323
sacred furniture	247.1		Purgatory	theology	236.5
Pulse			Purification of wastes		628.546
diagnosis pathology	616.071		Purifiers, feedwater		621.1972
physiology	612.16		Purin		
venous physiology	612.1342		compounds	nutrition	612.398195
wave of blood physiol.	612.16		Puritanism	theology	285.9
Pulverization	prac. chem.	542.22	Puritans	Eng. history	942.06
Pulverized fuel appliances	621.18377		relig. hist.		274.2
Pumis stone	econ. geol.	553.69	Mass. history		974.4
lithology		552.23	persecutions by		272.8
Pump			Purpose	intention ethics	171
air pneumatics	533.5		Pus	medicin	617.22
practical chem.	542		<b>Puseyism</b>	<b>theology</b>	<b>283</b>
condensing pneumatics	533.83		<sup>4</sup> Pushtu language		491.58
force	"	553.84	Pustular affections of skin		616.52
suction	"	533.85	Putativ elements chemis.		546.99
wells waterworks	628.12		<sup>1</sup> Putnam co. Ill.	history	977.337
Pumping			1	Ind.	"
engins	mechan. eng.	621.64	1	Mo.	"
rams, hydraulic		621.273	1	N. Y.	"
stations sewerage wks		628.29	1	O.	"
vs gravitation waterwks		628.12	1	W. Va.	"
<b>Pumps</b>	<b>engineering</b>	<b>621.64</b>	Putrefaction	bacteria	589.95
hydraulic		621.252	<sup>1</sup> Puy de Dôme, Fr.	hist.	944.59
injection, hydraulic		621.267	Puzzles		793
ship machinery		623.87	Pyemia	diseases	616.943
steam plant		621.1973	Pygmies, <i>see</i>	Pigmies	
Punching tools		621.96	Pyknometers	prac. chem.	542.3
Punctuality	lib. econ.	023.612	Pyloric		
<sup>3</sup> Punctuation	Eng. lang.	421.9	artery	anatomy	611.13641
Punctured wounds	surg.	617.144	glands	"	611.33
Punic wars	Roman hist.	937.04	nervs	"	611.8393
Punishment			vein	"	611.1493
capital criminal law		343.2	Pylorus	"	611.334
corporal school		371.55	Pyramidal tract of myel		611.8252
eternal theology		237.7	Pyramidalis abdominis		611.7362
future	"	237.6	Pyramids	anatomy	611.8181
law		343.2	Egyptian		913.32
military		355.13	geometry		513.35
school		371.54	Pyrenees mts	travel	914.6
<sup>1</sup> Punjab, India	history	954.5	Pyrénées		
Pupa	embryology	591.34	<sup>1</sup> Orientales, Fr.	hist.	944.89

Pyrenomycetes botany 589.235  
 Pyrites mineral 549.3  
 Pyrography 736  
 Pyrometry temperature 536.52  
 Pyrotechnics chem. tech. 662  
 Pyrrhonism Gk philosophy 186.1  
 Pythagorean philosophy 182.2  
 Pythias, knights of sec. soc. 366.2

Quackery  
   delusions 133.7  
   medical state control 614.26  
 Quadrant astron. instrum. 522.41  
   ordnance " 623.4621  
 Quadrate lobe anatomy 611.81318  
 Quadrature  
   integral calculus 517.33  
   of circle geometry 513.21  
 Quadratus femoris anat. 611.73819  
   lumborum " 611.7368  
 Quadric surfaces  
   analytic geometry 516.42  
   modern analytic geom. 516.58  
   geometry 513.58  
 Quadriceps femoris anat. 611.73822  
 Quadrigeminal arms 611.8153  
 Quadrigeminum anat. 611.8153  
   physiol. 612.8265  
 Quadrilateral  
   adjustment of geodesy 526.52  
 Quadrilaterals plane geom. 513.15  
 Quadrumana zoology 599.8  
 Quadrupeds " 599  
 Quadruple expansion engines 621.11267  
 Quadruplex  
   telegraphs communica. 654.2  
   elec. eng. 621.38234  
 Quail shooting 799  
   zoology 598.6  
 Quakers lives 922.88  
   persecutions 272.8  
   sects 289.6  
 Qualifications of  
   library executiv 023.41  
   staff 023.51  
   trustees 023.33  
   readers lib. econ. 024.1  
   teachers education 371.11  
   voters suffrage 324.1  
 Qualitative analysis chem. 544  
 Quality  
   metaphysics 111  
   of food domestic econ. 641.31  
 Quantics algebra 512.87  
 Quantitative analysis chem. 545  
 Quantities bilding 692.5  
 Quantity  
<sup>3</sup> English prosody 426.1  
   metaphysics 119  
   meters elec. engin'g 621.3745  
   of albuminoids in tissues 612.3978  
   blood physiology 612.116  
   in organs 612.189

- Quantity  
of carbohydrates in tissues 612.3967  
clothing hygiene 613.482  
fat in food & tissues 612.3977  
lactic secretion 612.66431  
water in tissues 612.0144613
- Quarantine  
administration 352.4  
contagious disease 614.46  
laws local government 352.4
- Quarries, prehistoric 571.21  
Quarrying min. engin'g 622.22  
Quarrymen's occupation 613.66  
Quartermasters mil. adm. 355.33  
Quarters, servants architect. 728.92  
Quartet sacred music 783.8  
Quartets vocal music 784.84  
Quartz lithology 552.45  
mineralogy 549.5  
receptacles chem. 542.231  
Quartzite lithology 552.45  
Quaternary age geology 551.79  
Quaternions mathematics 516.8  
Quays harbor engineering 627.3  
Quebec, Canada  
act Can. hist. 971.02  
city, Que. capture U.S.hist. 973.26  
<sup>1</sup> history 971.4471  
<sup>1</sup> co. " " 971.447  
<sup>1</sup> province history 971.4  
travels 917.14
- Queen  
Anne architecture 724.5  
<sup>1</sup> co. Md. history 975.234  
Anne's war U. S. " 973.25  
<sup>1</sup> Charlotte islands, B.C. hist. 971.1  
<sup>1</sup>Queens co. Ireland " 941.87  
<sup>1</sup> New Bruns. " 971.542  
<sup>1</sup> New York " 974.724  
<sup>1</sup> Nova Scotia " 971.624  
<sup>1</sup> P. E. I. " 971.74  
lives of 923.1  
<sup>1</sup>Queensland history 994.3  
Queenstown, battle  
U. S. war of 1812 973.5233  
Quercineae botany 583.976  
<sup>1</sup>Querétaro, Mexico history 972.4  
Quesnes de Bethune 841.15  
Questioning, art of educat. 371.35  
Questions, books of " 371.35  
on special subject see subject  
Quevedo Villegas, F. G. de  
Spanish satire 867.3
- Quicksand  
foundations architecture 721.11  
Quicksilver, see Mercury  
Quietism heresies 273.7  
Quietists, persecution of 272.5  
<sup>1</sup>Quincy, Ill. history 977.344  
system education 371.47  
Quinet, Edgar Fr. essays 844.81  
Quinin therapeutics 615.75  
Quinones organic chem. 547.6  
Quinsy diseases 616.31  
Quintana, M. J. Span. poet. 861.51  
Quintilian Latin oratory 875.6  
Quohog fishery 639.4  
Quoits amusements 796  
Quota system suffrage 324.224  
Quotas U. S. civil war 973.7412  
<sup>5</sup>Quotations Eng. liter. 828  
gener. collec. 808.8  
Quotient, respiratory 612.231

Rabbinic learning	Judaism	296
Rabbits	dom. animals	636.9
	zoology	599.3
Rabelais, F.	French satire	847.32
Rabener, G.W.; Ger.	"	837.61
Rabies	see Hydrophobia	
Racan, H. de B. Fr.	poetry	841.43
Race		
	horse-amusements	798
	influence on mind	136.4
	mortality public helth	614.144
	suffrage	324.15
Races, coeducation of		371.99
	hed and tail	621.29
	movements of pol. sci.	323.1
	of man	572
Rachel, Joachim	Ger. sat.	837.52
Racine, Jean	Fr. drama	842.45
	Louis " poetry	841.52
<sup>1</sup> Racine city, Wis.	history	977.597
<sup>1</sup>	co. " "	977.596
Racing	amusements	798
	ethics	175.7
	news journalism	070.446
	library econ.	024.58
Rack		
	railways engineering	625.33
Radial artery	anatomy	611.1343 <sup>I</sup>
	muscles	611.7376
	nerv	611.8337
Radiant energy of sun		523.72
	matter	539.1
	points meteors	523.53
Radiates	paleontology	563.2
	zoology	593.2
Radiation of heat	physics	536.33
	physiol.	612.52
Radical axes	mod. geom.	513.54
Radicals, chemic		541.6
Radicular fibers of cord		611.8268
Radiocarpal joint	anat.	611.72744
Radiochemistry		541.38
Radiolaria	zoology	593.14
Radiotelegrafy	elec. engin'g	621.3842
Radiotherapy	medicin	615.84
Radioulnar joint, inferior		611.72741
	superior	611.72734
Radioulnaris proximalis		611.72734
Radium	inorgan. chem.	546.432
Radius	anatomy	611.7175
	vector astronomy	521.38
<sup>1</sup> Radnor, Wales	history	942.96
Raffia	domestic econ.	646.185
	fibers	633

Raft		
	bridges engineering	624.87
Rafts		
	ship equipment	623.86
	shipbilding	623.8212
Ragged schools		377.7
Rags, control of pub. helth		614.463
	disinfection " "	614.48
Rahbek, K. L.	Dan. poetry	839.8157
<sup>1</sup> Rahway, N. J.	history	974.938
Raiids	fishes	597.3
Railroad		
	accidents pub. helth	614.683
	transportation	656
	corporations	385
	electric	621.33
	engineering	625
	elevated	625.4
	freight houses archit.	725.32
	government admin.	351.812
	horse mechan. engin'g	625.6
	land grants pub. finance	336.14
	law	385
	locomotivs	621.13
	men Y. M. C. A.	267.362
	officials' lives	923.8
	passenger stations arch.	725.31
	passes, legislativ	328.347
	rate regulation	385
	reports, state	385
	shops architecture	725.33
	transportation business	656
	sociology	385
	travel protection of life	614.863
Railroading		656
Rails	electric engineering	621.3332
	railroad "	625.15
	shipbilding	623.85
Railway		
	bridges engin'g	624.12
	cookery	641.576
	employees suffrage	324.247
	guides transportation	656
	stations, care of	647.963 <sup>I</sup>
Railways, military		623.63
Rainfall	meteorol.	551.57
Rainless regions	"	551.58
<sup>1</sup> Rainy River dist. Ont.	hist.	971.31 <sup>I</sup>
Raising library funds		021.9
<sup>1</sup> Rajputana, India	history	954.4
Raleigh, W.	discov. of Am.	973.17
<sup>1</sup> Raleigh co. W. Va.	history	975.473
<sup>1</sup> Ralls co. Mo.	history	977.8355



- Ram, hydraulic** engin'g 621.27  
physics 532.83
- Ramie agriculture 633  
botany 583.962
- Rammers artillery 623.463
- Ramsay, Allan Eng.poet. 821.54
- Ramsour Mills, N.C. Am.rev. 973.3361
- Ramus of mandible anat. 611.71643
- Ranales botany** 583.11
- Ranch, cattle 636.2
- Randolph, John Am.orat. 815.24
- <sup>1</sup>Randolph co. Ill. history 977.392  
" Ind. " 977.266  
" Mo. " 977.828  
" W. Va. " 975.485
- Range  
domestic economy 643.33  
finders ordnance 623.4625  
scales " instr. 623.4621
- Rank heraldry 929.7
- Ranks, special education** 371.96
- Ranunculaceæ botany 583.111
- Ranvier's nodes histology 611.0188
- Rapateaceæ botany 584.3934
- Rape agriculture 633  
botany 583.123  
law 343
- Rapidfire guns ordnance 623.4223
- Rapidity of flow of blood  
physiology 612.15
- Rapisardi, M. Ital. poetry 851.86
- Rappists sects 289.3
- Raptors birds 598.9
- Rare  
binding book rarities 095  
books lib. restrictions 024.672  
earths inorgan. chem. 546.6  
illustrations rarities 096  
printing " 094
- Rarissima " 090
- <sup>1</sup>Raritan, N. J. history 974.972
- Rarities bibliography** 090  
lib. admin. 025.171
- Rasores birds 598.6
- Rat disease carrier 614.43  
domestic economy 648.7  
noxious animal 591.68  
zoology 599.3  
traps dom. economy 648.7
- Ratchet gearing engin'g 621.837
- Ration  
during growth physiol. 612.394  
for adults " 612.395
- Rationalism nat. theology 211
- Rationalistic age relig.hist. 270.8
- Rationalists, apologetics agst 239.7
- Rattlesnake zoology 598.12
- Rauch, H. J. Dan. drama 839.8231
- Raven zoology 598.8
- Raw materials, duties on 337.6
- <sup>1</sup>Ray co. Mo. history 977.819  
system school gov't 371.595
- Reaction of blood physiol. 612.121  
time psychometry 612.8211
- Reactors elec. engin'g 621.3146
- Read, T: B. Am. poetry 811.35
- Readers  
aids library economy 028  
<sup>3</sup> elementary, Eng. lang. 428.6  
librarian's relations to 023.43  
qualifications lib. econ. 024.1  
rules " " 024  
<sup>3</sup> selections Eng. language 428.7
- Reading  
and aids 028  
art of 808.5  
<sup>5</sup> books, higher, English 820.8  
clubs lib. relations 021.41  
self education 374.22  
courses 028.3  
desks offis equipment 651  
elementary education 372.4  
first, second legislation 328.3741  
for the young 028.5  
lists, school educ. 371.643  
of librarians 023.535  
library executiv 023.42  
private self education 374.1  
proofs printing 655.25  
room rules lib. econ. 024.51  
rooms, branch lib. bldgs 022.17  
free, library econ. 027.9  
laboring classes 331.85  
library economy 022.5  
Y. M. C. A. 267.3533  
third legislation 328.3743
- Readings, halls for archit. 725.83.
- Ready-reckoners 658
- Reagents chem. anal.** 543
- Real  
character universal lang. 408.9  
estate law 347.2  
taxation pol. econ. 336.22  
presence theology 265.3  
property law 347.2  
Realism philosophy 149.2  
Realty law 347.2  
Reamers machine tools 621.954

Reapers	agriculture	633	Reclamation		
	steam engin'g	621.146	irrigation		626.8
Reapportionment			Recognition hereafter		
	representat'n	328.3345	doctrinal theology		237
Reason			Recoil		
in animals	zoology	591.51	<b>mechanism</b>	<b>ordnance</b>	<b>623.4356</b>
intuitiv	faculty	156	mounts	mil. engin'g	623.574
<b>natural theology</b>		<b>210</b>	Recommendations		
physiologic	psychology	612.8213	legislativ	procedure	328.372
Reasoning	faculty	153.6	Reconnaissance	geodesy	526.31
Rebellion			<b>Reconstruction</b>	<b>U. S. hist.</b>	<b>973.8</b>
Canadian history		971.038	Record		
1717, 1745	Irish hist.	941.57	accession	lib. econ.	025.241
political science		323.2	clock	library econ.	023.611
<b>southern U. S. hist.</b>		<b>973.7</b>	offises	architecture	725.15
Reboul, Jean	Fr. poetry	841.75	Recorders,	telegraf	621.3833
Rebuses	amusements	793	Recording meters,	elec.	621.373
Recall	administration	351.9	Records,	legislativ	328.363
Receipt			school		371.2
books	cookery	641.5	Recreation		
index	library economy	025.236	<b>bidings</b>	<b>architecture</b>	<b>725.8</b>
Receipts			<b>hygiene</b>		<b>613.7</b>
library economy		020.83	rooms	lib. bidings	022.66
finance		025.114	Recreations		
<b>medicin</b>		<b>615</b>	laboring classes		331.84
useful arts		602	school hygiene		371.74
<b>workshop chem. tech.</b>		<b>660</b>	<b>Recreativ arts</b>		<b>790</b>
on special subjects	see subject		Recruiting	mil. science	355.2
Receivers	law	347.7	Rectangular coordinates		
	telephone	621.3863	spheric astronomy		522.72
	telegraf	621.3833	Recti capitis	anatomy	611.7319
Receiving vaults	archit.	726.8	<b>Rectifiers</b>	<b>electric eng.</b>	<b>621.3137</b>
Recent period	geology	551.791	Rectilinear motion	dynam.	531.31
<b>Receptacles</b>	<b>prac. chem.</b>	<b>542.23</b>	Rectum		
Receptaculum chyli	anat.	611.423	administration of med.		615.62
Reception			<b>anatomy</b>		<b>611.35</b>
of goods	lib. economy	025.233	diseases		616.35
room	dom. "	645.62	physiology		612.366
Receptions	" "	642.43	Rectus		
Recesses in schools		371.24	capitis anticus major anat.		611.7337
legislativ bodies		328.355	minor "		611.7338
Recessional	cathedral serv.	783.29	lateralis	"	611.7319
<b>Recipe books</b>	<b>cookery</b>	<b>641.5</b>	femoris	"	611.73822
Recipes,	see Receipts		Recuperators	gun mounts	623.4357
Reciprocal			Red		
polars	analytic geom.	516.55	Bank, N. J.	Am. revol.	973.3337
modern	"	513.55	<b>corpuscles</b>	<b>physiology</b>	<b>612.111</b>
<b>Reciprocating steam engines</b>		<b>621.112</b>	proportion		612.1128
Reciprocity	free trade	337.9	Cross societies		361
Recitation rooms	archit.	727.1	<b>globules of blood</b>	<b>physiol.</b>	<b>612.111</b>
Recitations	education	371.32	river		
Recitative	music	784.2	campaign	U.S. civ. war	973.7363
Reclamation			exped.	" "	973.754
land drainage		627.5	rebellion	Can. hist.	971.051

Red	
<sup>1</sup> river settlement, Can. hist.	971.27
trav.	917.127
sea physical geografy	551.467
Redemption theology	234.3
Redemptionists mon. orders	271.79
Redemptorists "	271.6
<b>Reduced wages pol. econ.</b>	<b>331.5</b>
Reducing valvs steam eng.	621.1854
Reduction	
in organisms phys.chem.	612.01536
of results geodesy	526.75
<sup>3</sup> Reduplication Eng.etymol.	422.3
Redwood botany	585.2
Redy reckoners	658
Reed wind instruments	788.9
Reefs, coral geology	551.96
Reenberg, Töger Dan.poet.	839.8142
Reference	
books library admin.	025.5
restricted lib. econ.	024.671
use of aids	028.7
department lib. econ.	025.5
hours " "	024.36
exact literary methods	029.1
room lib. bildings	022.53
staff " economy	023.73
use of libraries	024.5
References, reader's	024.14
Referendum legislation	328.264
polit. science	321.4
Refiners' occupation hyg.	613.62
Reflecting	
circle astron. instrum.	522.41
instruments optics	535.87
telescopes astron.	522.21
Reflection heat	536.31
light	535.3
mental faculty	153.4
Reflections perspectiv	515.64
<b>Reflex action physiology</b>	<b>612.833</b>
zoology	591.18
Reflexes	
cardiac physiology	612.1786
psychic "	612.8216
respiratory "	612.288
Reform	
bill, 1832 Eng. suffrage	324.42
civil servis	351.6
legislative bodies	328.393
schools	364
architecture	725.64
education	371.93
sociology	301
Reform	
<sup>3</sup> spelling Eng. language	421.4
suffrage	324.28
Reformation	
age of Europ. history	940.7
<b>German history</b>	<b>943.03</b>
religious "	270.6
Scandinavian history	948.04
Swiss history	949.403
Reformatories	
architecture	725.6
hygiene	613.57
temperance	178.6
Reformatory associations	364
Reformd	
church, Dutch	284.1
in Amer.	285.7
episcopal church	283
presbyterian "	285.5
<b>Reformers biography</b>	<b>923.6</b>
Refracting	
media of eye anat.	611.844
physiology	612.844
telescopes	522.22
Refraction	
heat	536.32
ocular physiology	612.844
ophthalmology	617.75
optics	535.3
practical astronomy	522.92
Refractometers optics	535.3
quan. anal.	545.8
Refractory period	
brain physiol. psych.	612.8211
hart physiology	612.1723
reflexes compar. physiol.	612.82932
physiology	612.833951
<b>Refreshment bild'gs arch.</b>	<b>725.7</b>
Refreshments dom. econ.	642.2
Refrigeration	
<b>mechanical engin'g</b>	<b>621.57</b>
shipbilding	623.826
Refrigerators dom. econ.	643.37
Refuge, houses of	364
Refuse, <i>see</i> Waste	
Regaldi, G. Ital. poetry	851.77
Regattas amusements	797
college and sch.	371.75
Regencies Eng. admin.	354.4203
const. hist.	342.429
Regeneration	
of bone physiology	612.753
liver "	612.359
muscle "	612.7465

Regeneration			Reil, island of anatomy	611.81319
of nerves physiology	612.8185		Reinaert Dutch satire	839.371
physiologic zoology	591.16		Reincarnation	129.4
physiology	612.603		Reindeer	
theology	234.4		domestic animals	636.9
Regents library gov't	023.3		ship U. S. war of 1812	973.5255
Reggio di Calabria, Italy			zoology	599.7
1 history	945.79		"Reineke Vos" Ger. satire	837.31
travel	914.579		Reinforced	
Regicides biography	923.41		blocks roads	625.87
Regimen hygiene	613		concrete engin'g	620.137
Regiment mil. science	355.31		Reissner's fibers anat.	611.828
Regimental hist. U.S. civ. war	973.744-49		Relapsing fever diseases	616.924
Regiments, history of state	353.9		Relations	
Regional anatomy	611.9		domestic, political science	323
surgery	617.5		foren " "	327
Registers, family	929.3		international	327
of births	929.3		of capital and labor	331.1
deeds law	347.2		church and state	
servants	647.29		ethics	172.3
U. S. army officers	353.6		pol. sci.	322
navy "	353.7		librarian and staff	023.55
Registration			to public	023.43
of conveyances law	347.2		teachers to community	371.104
land Torrens system	333.3		parents	371.103
readers lib. economy	024.15		Relationship	929.1
public helth	614.1		Relativ	
statistics	311		location lib. econ.	025.8
system suffrage	324.242		majority suffrage	324.263
Regnard, J. F. Fr. satire	847.47		3 pronouns Eng. etymol.	422.7
Regnault gasometers chem.	542.75		3 syntax	425.7
Regnier, Mathurin Fr. sat.	847.35		Relays, telegraf elec. eng.	621.38321
Regular			Releasing-gear engins	621.1644
army U. S. civ. war	973.7411		Relics miracles	231.7
and navy union	369.111		Relief	
vet. soc.	369.112		corps, women's	369.161
Regulation			decoration in architec.	729.5
of animal heat physics	612.53		bilding	698.8
medical practis	614.25		maps phys. geog.	551.4
voltaic current eng.	621.3527		special regions	914-919
Regulations			union, woman's veteran	369.162
army military science	355		work charity	361
navy naval "	359		parish	258
readers library econ.	024		Religion	200
Regulators			and education	377
feedwater steam eng.	621.1972		science apologetics	239.8
potential elec. eng.	621.3145		nat. theol.	215
sewerage	628.258		Christian	200
vacuum prac. chem.	542.77		comparativ	290
see also special subject			natural	210
Reid, T: British philos.	192.5		practical	240
intuitionalism	143		suffrage qualifications	324.15
Reign of terror Fr. hist.	944.044		Religions, non-Christian	290

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Religious  
 anecdotes 244  
 architecture 726  
 art 246  
 associations 206  
   general, for activ work 267  
   local parish work 256  
   of special sects 280  
   on special subjects see subj.  
 biography 922  
 ceremonies ritual 264  
   sacraments 265  
 controversy 270  
   on special subjects see subj.  
 days lib. econ. 024.42  
   special cookery 641.566  
 education 377  
   of clergy 207  
 festivals 264  
 fiction 244  
 history 270  
 institutions 260  
 liberty 261.7  
 life U. S. civ. war 973.778  
 limitations cookery 641.565  
 orders, monastic 271  
 painting art 755  
   ecclesiology 247.5  
 poetry 245  
 sects 280  
 societies see associations  
 symbolism 246
- Remainder sales  
 books bookselling 655.56  
   library buying 025.223
- Remains paleontology 560
- Remedies, legal 347.95  
 pathology 616  
 therapeutics 615.5
- Remittent fever pub. helth 614.532
- Remonstrants sects 284.9
- Remuneration  
 library economy 023.8  
 political " 331.2
- Renaissance  
 architecture 724.1  
 European history 940.6  
 fine arts 709  
 religious history 270.5  
 sculpture 735
- Renal  
 artery anatomy 611.1367
- Renal  
 circulation physiol. 612.4634  
 diseases 616.61  
 function **pathol. changes** 612.466  
 nervs anatomy 611.8393  
 veins anatomy 611.1462
- Renan, Ernest Fr. essays 844.82
- Renard the fox Dut. satire 839.371  
 Ger. " 837.31
- Rendering works air pollu. 614.742
- Renewals legis. membership 328.3356  
 lib. econ. 024.64
- <sup>1</sup>Renfrew, Scotland hist. 941.41  
 " co. Ont. " 971.381
- <sup>1</sup>Rensselaer co. N. Y. " 974.741
- Rent of state property 336.11  
 political economy 333
- Rents, pew cleric support 254
- Repair of waste  
 physiol. zoology 591.136  
 physiology 612.395  
 ships shipbilding 623.826
- Repairs bilding laws 692.9  
 dom. econ. 643.7  
 road engin'g 625.76
- Repeated stress engin'g 620.11246
- Repeaters  
 duplex telegraf 621.38325  
 half " 621.38326  
 simplex " 621.38324
- Repeating  
 election frauds 324.272  
 rifles small arms 623.4423
- Repentance doctrin 234.5
- Repetitions, method geod. 526.56
- Replevin law 347.95
- Reporting journalism 070.42  
 shorthand 653
- Reports, law American 345.4  
 British 346.4  
 library administra. 025.123  
 mining 622.009  
 see also special subject
- Repoussé work fine arts 739  
 roofs 721.56
- Representation 324.22  
 American revolution 973.3114  
 legislatures 328.334
- Representativ gov't pol.sci. 321.8
- Reprisal international law 341.3
- Reproduction  
 botany 581.16  
 embryology 581.3

Reproduction			Residual calculus	517
<b>human</b> embryology	<b>611.013</b>		Residues	
physiology	612.6		animal fertilizers	631.843
zoology	591.16		vegetable "	631.876
<b>embryology</b>	<b>591.3</b>		Resignations	
Reproductiv power psych.	154		legislativ bodies	328.3357
Reptils paleontology	568.1		Resins	
zoology	598.1		chemic technology	668.4
Republic			fossil economic geol.	553.29
French history 1st	944.042		Resistance	
2d	944.07		boxes elec. engin'g	621.3742
3d	944.08		electric, of skin physiol.	612.795
political science	321.8		meters elec. eng.	621.3742
<b>Roman history</b>	<b>937.02</b>		<b>of materials engin'g</b>	<b>620.11</b>
Spanish "	946.08		mol. phys.	539.4
Republican			water hydraulics	532.58
institutions	321.8		Resisting medium	
party, U. S.	329.6		descriptiv astron.	523.15
Republicans U. S. history	973.4		theoretic "	521.44
" "	973.66		Resolutions	
" "	973.7		joint legis. procedure	328.377
" "	<b>973.8</b>		Resonators acoustics	534.4
Republics, Ital. history	945.04		Resorts	
p6l. sci.	321.5		<b>buildings hygiene</b>	<b>613.5</b>
Repudiation finance	336.36		helth " "	613.12
Repulsion motors engin'g	621.31366		summer architecture	728.52
Repulsiv force astron.	523.17		Respiration	
Required majority legislat'n	328.375		<b>animals</b>	<b>591.12</b>
Reredos fixt furniture	729.96		<b>cutaneous physiology</b>	<b>612.793</b>
sacred "	247.2		effect of facial nervs on	612.81973
Resaca de la Palma. battle	973.6234		vagus	612.819912
Research			on blood pressure	612.1461
endowment education	378.32		temperature	612.534
<b>psychic mind and body</b>	<b>130</b>		<b>physiology</b>	<b>612.2</b>
Rescue from drowning	614.811		Respiratory	
of shipwreckt	614.868		exchanges and indirect	
Resection surgery	617.94		calorimetry	612.5123
Resedaceae botany	583.133		<b>movements physiology</b>	<b>612.21</b>
Resemblance			organs comp. anat.	591.42
protectiv zoology	591.57		descriptiv anat.	591.72
Resen, Peder Dan. misc.	839.883		<b>system anatomy</b>	<b>611.2</b>
Reservation of bks lib.econ.	024.66		diseases of	616.2
Reservoirs			<b>drugs acting on</b>	<b>615.72</b>
sewerage	628.28		<b>physiology</b>	<b>612.2</b>
waterworks	628.13		surgery	617.42
Residence			Responsibilities	
compensation of teachers	371.164		of library executiv	023.43
eligibility legis. bodies	328.331		teachers	371.101
of readers lib. rules	024.12		Responsibility	
requirement for degree	378.241		human doct. theol.	233.4
rooms lib. bldgs	022.69		ethics	171
suffrage qualifications	324.16		of readers lib. econ.	024.14
Residences architecture	728			
official, arch.	725.17			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Responsiv			Retrahens muscle anat.	611.7324
choral servis	783.24		Retreats, religious	269
readings public worship	264.4		Retribution doct. theol.	237.6
Rest			Retroauricular glands	611.4632
and sleep hygiene	613.79		Retroperitoneal fossae	611.384
cure therapeutics	615.85		Retropharyngeal glands	611.4636
<b>laboring classes</b>	<b>331.81</b>		Retrovaccination cont. dis.	614.4737
physiology of	612.7662		Return systems elec. trac.	621.33217
Restaurants architecture	725.71		Reuchlin medieval philos.	189.5
cookery	641.572		Reunion public order	351.752
dom. econ.	647.95		<sup>1</sup> Reuss, Germany history	943.28
<b>table systems</b>	<b>642.5</b>		Revaccination contag. dis.	614.4734
Restiaceæ botany	584.83		Revaccination " "	614.4736
Restif da la Bretonne, N. E.	843.57		Revelation, book of Bible	228
Restiform bodies anat.	611.8182		divine	231.6
<sup>1</sup> Restigouche co. N. B. hist.	971.511		Revenue	
Restis anatomy	611.8182		cutters shipbuilding	623.826
Restitutions lib. econ.	024.87		legislativ power	328.341
Restoration			<b>state finance</b>	<b>336</b>
English history	942.066		Reverberatory furnaces	542.42
French "	944.06		Reversionary	
of citizenship pol. sci.	323.64		payments finance	336.35
the Jews	296		insurance	368.31
Restriction			<sup>2</sup> Reviews, see subject reviewd	
election contributions	324.273		Revised	
of books lib. econ.	024.67		statutes Amer. law	345.2
contagious diseases	614.44		version Eng. Bible	220.52
Restrictions			New Test.	225.52
on legislation pol. sci.	328.256		Old "	221.52
legislators	328.34		Revision	
Results of			of electoral lists	324.241
civil war U. S. hist.	973.71		Revival	
election suffrage	324.26		Gothic architecture	724.3
Mex. war U. S. hist.	973.621		Grecian "	724.2
revolution "	973.31		of letters, literary hist.	809
Spanish war "	973.891		Romanesque arch.	724.8
war of 1812 "	973.521		Revivals	
Resumption			army U. S. civ. war	973.778
of specie pay't U.S. hist.	973.83		music	783.7
U. S. finance	336.73		religious	269
Resurrection Christology	232.5		Reviscent animals	612.0144611
doct. theol.	236.8		Revolts	
Resuscitation of the drowned	614.812		internal relations pol. sci.	323.2
Retail stores architecture	725.21		Revolution	
Retaining walls	624.1		<b>American history</b>	<b>973.3</b>
Reticula spinal cord	611.8226		daughters of the	369.136
Reticular tissue histology	611.01824		English, 1688 history	942.068
Reticulum "	611.01824		form of state	321.092
Retina anatomy	611.843		<b>French, 1789 history</b>	<b>944.04</b>
eye diseases	617.73		1830 "	944.063
physiology	612.843		1848 "	944.07
Retirement from mil. servis	355.114		of the earth astronomy	525.35
Retorts, glass prac. chem.	542.231		sons of the	369.134
porcelain " "	542.232		territorial expansion	320.1269

- Revolutionary societies** 369.13  
 Revolutions internal rela. 323.2  
 Revolvers  
   manufacture 683  
   military efficiency 623.4434  
 Revolving book cases 022.914  
   cranes engin'g 621.873  
 Rewards  
   and punishments theol. 233.4  
   military 355.13  
   school 371.53  
 Reynard the fox Dut. sat. 839.371  
   Ger. " 837.31  
<sup>1</sup>Reynolds co. Mo. history 977.885  
 Rhaetia ancient history 939.84  
<sup>4</sup>Rhaeto-Romansch language 459  
 Rhamneæ botany 583.275  
 Rhenish  
<sup>1</sup> Bavaria, Germany hist. 943.43  
<sup>1</sup> Prussia " 943.42  
 Rheostats elec. eng. 621.3174  
 Rhetoric 808  
   sacred homiletics 251  
 Rheumatic fever diseases 616.991  
 Rheumatism " 616.991  
 Rhine  
   Confederation 943.06  
   travel 914.34  
 Rhinencephalon anat. 611.8133  
 Rhinoceros zoology 599.7  
 Rhinology anatomy 611.86  
   diseases 616.21  
   physiology 612.86  
 Rhinoplastic operations 617.95  
 Rhizophoreæ botany 583.411  
 Rhizopoda zoology 593.11  
<sup>1</sup>Rhode Island U. S. hist. 974.5  
   For military history, see sub-  
   divisions of Special campaigns  
   and Military history under  
   973.3, 973.7 and 973.89  
 Rhodes ancient history 939.16  
   knights of 929.711  
<sup>1</sup> modern hist. 949.96  
   scholarships 378.34  
<sup>1</sup>Rhodesia, Africa hist. 968.9  
 Rhodium inorgan. chem. 546.97  
 Rhododendron botany 583.62  
**Rhombencephalon, isthmus** 611.816  
 Rhomboid ligament anat. 611.7271  
   muscles " 611.73113  
 Rhomboidal sinus " 611.828  
<sup>1</sup>Rhône, France history 944.58  
 Rhubarb gardening 635.4  
<sup>3</sup>Rhymes English prosody 426.6  
<sup>3</sup>Rhyming dictionaries, Eng. 426.6  
 Rhyngota insects 595.75  
 Rhyolite lithology 552.25  
 Rhythm  
   cardiac physiology 612.1722  
   in reflexes. " 612.82932  
   respiratory " 612.216  
 Ribault, J: discov. of Amer. 973.18  
 Ribs anatomy 611.712  
 Rice agriculture 633.1  
 Richard 1 Eng. history 942.032  
   2 " " 942.038  
   3 " " 942.046  
   of Cornwall, Ger.his. 943.025  
 Richardson, S: Eng. fic. 823.61  
<sup>1</sup>Richelieu co. Que. history 971.451  
   river, Que. travel 917.145  
<sup>1</sup>Richland co. Ill. history 977.377  
<sup>1</sup> O. " 977.128  
<sup>1</sup> Wis. " 977.575  
<sup>1</sup>Richmond, Ind. hist. 977.263  
   Va.  
   For military history, see sub-  
   divisions of Special campaigns  
   under 973.7  
<sup>1</sup> co. New York hist. 974.726  
<sup>1</sup> Nova Scotia " 971.696  
<sup>1</sup> Que. " 971.465  
 Richter, J: P. F; Ger. fic. 833.62  
 Rickets diseases 616.996  
 Riddles amusement 793  
   popular life 398.6  
 Rideau lakes, Ont. travel 917.1373  
 Riding  
   habits clothing 646.47  
   halls and schools arch. 725.88  
   recreations 798  
   school hygiene 371.736  
 Riel's rebellion 1st Can. hist. 971.051  
   2d " " 971.054  
 Rifle  
   manufacture 683  
   military engineering 623.442  
   science 355  
   shooting amusement 799  
**Rifled ordnance mil. eng.** 623.42  
 Rifling mil. engin'g 623.4236  
 Rigging shipblding 623.86  
 Right  
   ascension, variations of 521.27  
   hart anatomy 611.123  
   hereditary legis. bod. 328.3352  
   lines analytic geometry 516.11  
   loci in space " 516.31  
   plane geometry 513.11



- Right  
of assembly pol. sci. 323.7  
petition " 323.8  
search 341  
**standard of ethics 171**  
Righteousness pers. relig. 248  
Righthandedness 612.76  
Rights  
and liberties const. law 342  
civil, *see* Civil rights  
**land political economy 333**  
of aliens pol. sci. 323.67  
**political science 323**  
Rigid  
dirigibles aeronautics 629.155  
suspension bridges 624.53  
Rigor mortis physiology 612.742  
of muscles physiol. 612.7461  
Rima glottidis anat. 611.225  
<sup>3</sup>Rimes English prosody 426.6  
<sup>3</sup>Riming dictionaries, Eng. 426.6  
<sup>1</sup>Rimouski co. Que. history 971.477  
Rinderpest veterin. med. 619.2  
Ring shell ordnance 623.4515  
<sup>1</sup>Ringgold co. Ia. history 977.787  
campaign U.S.civ.war 973.7359  
Rings  
boiler steam engin'g 621.18453  
finger costume 391.7  
sacred ornaments 247.6  
strength of materials 620.11286  
Ringwaldt, B. Ger. poetry 831.45  
Ringworm diseases 616.57  
Rinks  
bicycle architecture 725.86  
ethics 175.1  
skating architecture 725.86  
Rinuccini, O. Ital. dram. 852.52  
Rio Grande campaign 973.6234  
<sup>1</sup>Rio Janeiro history 981  
travels 918.1  
Rioja, F. de Spanish poetry 861.38  
Rios, J. A. de los " misc. 868.52  
Riots  
internal relations pol. sci. 323.2  
law 343  
local, *see* name of place  
state control 351.752  
<sup>1</sup>Ripley co. Ind. history 977.214  
<sup>1</sup> Mo. " 977.8894  
Ripplemarks geology 551.83  
Ritchie, A.C.M. Am. dram. 812.31  
<sup>1</sup>Ritchie co. W. Va. hist. 975.424  
Rites and ceremonies 394.4  
**Ritual public worship 264**  
**Ritualism 264**  
Rivadeneira, Pedro de 868.35  
River  
boats shipbuilding 623.824  
crossing sewerage works 628.26  
**engineering 627**  
transportation sociology 387  
Rivers  
engineering 627.1  
frontiers pol. sci. 320.1284  
hydraulics 532.54  
physical geography 551.48  
pollution sanit. eng. 628.541  
water supply 628.11  
<sup>1</sup>Riverside co. Cal. hist. 979.497  
Riveted joints mech. eng. 621.884  
plumbing 696.4  
Riveting tools mech. eng. 621.97  
Rivets  
mechanical eng. 621.884  
plumbing 696.4  
strength of materials 620.11287  
Road  
bed highway engin'g 625.73  
railroad " 625.12  
systems highway eng. 625.71  
Roadrollers gas engines 621.4382  
roadmaking 625.7  
steam engines 621.145  
Roads  
**and pavements engin'g 625.7**  
cable " 625.5  
elevated " 625.4  
**engineering " 625.7**  
military mil. eng. 623.62  
stone engineering 625.86  
<sup>1</sup>Roane co. W. Va. history 975.436  
Roanoke island, N. C.  
battle U. S. civ. war 973.7324  
naval hist. " " 973.752  
Roasting cookery 641.71  
Robbers biography 923.41  
Robbery criminal law 343  
Robert 2 French history 944.021  
of Gloucester Eng. poet. 821.13  
Robin Hood Eng. ballads 821.04  
legends 398.2  
Robinsonaden Ger. fiction 833.54  
Rocaberti, Fra Catalan lit. 849.912  
<sup>1</sup>Rochester, N. Y. history 974.789  
<sup>1</sup>Rock co. Ill. history 977.339  
<sup>1</sup> Wis. " 977.587

<sup>1</sup> Rock Island, Ill. history	977.339	Rolling	
Rock		mills	manuf'g plant 621.77
analysis chemistry	543.6		metal manuf. 671
blasting engineering	622.23	stock	electric. eng. 621.334
carvings archeology	571.73		railway " 625.2
crystal, <i>see</i> Quartz		Rolls	
drills machine tools	621.952	of honor	military 355.1
foundations architecture	721.11		schools 371.53
minerals determination	552.81		pianola lib. economy 025.178
natural fertilizers	631.851	<sup>4</sup> Romaic language	489
salt economic geology	553.63	<sup>5</sup>	literature 889
structure lithology	552.82	Roman	
Rockets, signal mil. eng.	623.45444	architecture	722.7
<sup>1</sup> Rockford, Ill. history	977.331	art	709.37
<sup>1</sup> Rockingham co. N.H. hist.	974.26	baths hygiene	613.46
<sup>1</sup> Rockland co. N. Y. "	974.728	catholic church	282
Rocks		catholics biography	922.2
cleavage of geology	551.84	dominion in Spain	946.01
conductivity of "	551.14	empire	937.06
lithology	552	Holy	943
polarity in geology	551.84	history, ancient	937
Rocky mts, U. S. travel	917.8	modern	945.6
Canadian "	917.12	<sup>1</sup>	inquisition persecutions 272.2
Rococo		law	349.37
style architecture	724.19	literature	870
Rodentia zoology	599.3	mythology	292
Rodolph <sup>1</sup> Ger. history	943.026	orders monastic orders	271
<sup>2</sup> " "	943.034	of architecture	729.32
Rodriguez Rubi, Tomas	862.52	republic history	937.02
Rods		sculpture	733
glass prac. chemistry	542.231	supremacy relig. history	270.4
steam locomotiv	621.1341	Roman de la Rose Fr.poet.	841.18
strength of materials	620.11282	du Renard " satire	847.12
Roig, Jacme Catal. poetry	849.9133	<sup>5</sup> Romance, English	823
Rojas y Zorrilla, F. de	862.36	languages	479
Roland		religious	244
chanson de Fr. poetry	841.11	Romances, Los Sp. poetry	861.26
legends	398.2	Romanesque	
Rolando's		architecture	723.4
fasciculus cord	611.8261	revival architecture	724.8
groove medulla	611.8182	Romanism	282
groove cerebrum	611.81312	Romanos, R. M. de Span.lit.	863.52
Roll call		Romans, epistle to Bible	227.1
legislativ procedure	328.375	Romans d'aventures	
Rollenhagen, G; Ger.poetry	831.46	Provençal poetry	849.123
Roller		Romantic orchestral music	785.3
bearings mech. eng.	621.822	piano music	786.43
shelvs	022.46	vocal "	784.3
Rollers engineering	620.11284	Romany gipsies	397
Rolling		Rome	
bridges engineering	624.85	ancient history	937
friction mechanics	531.45	church of	282
		missions	266.2

- Rome theology 230.2  
 city, ancient 937.6  
<sup>1</sup> modern 945.6  
 travels 914.56  
 Römer, Ole Dan. misc. 839.883  
**Romish church** 282  
 Rondo piano music 786.41  
 Ronsard, Pierre de Fr. poet. 841.34  
 Rood screen fixt furniture 729.96  
     sacred " 247.2  
 Roof  
     gardens dom. economy 645.8  
     nuclei anatomy 611.81713  
     of mouth " 611.315  
 Roofs  
     architectural design 729.35  
     construction architect. 721.5  
     coverings bilding 695  
     engineering 624.9  
 Rooms  
     library, in other bilding 022.37  
     plans 022.342  
     school 371.62  
     special lib. bildings 022.6  
 Root  
     crops field crops 633  
     garden crops 635.1  
 Rope  
     hemp mill gearing 621.853  
     making 677  
     suspension bridge 624.52  
     walking entertainment 791  
     wire mill gearing 621.854  
     strength of 620.11288  
 Rosa, Salvatore Ital. satire 857.55  
 Rosaceæ botany 583.37  
 Rosales " 583.3  
<sup>1</sup>Roscommon, Ireland hist. 941.75  
<sup>1</sup>co. Mich. " 977.476  
 Rose botany 583.37  
     culture 716.2  
 Rosenkranz, H. Dan. misc. 839.883  
 Rosenmüller's organ anat. 611.6676  
 Roses, wars of Eng. hist. 942.04  
 Rosetta stone  
     Egyptian inscriptions 493.117  
     Greek " 481.7  
 Rosetti, D. G. Eng. poetry 821.84  
     G. Ital. " 851.72  
 Rosicrucians secret soc. 366.4  
 Rosini, Giovanni Ital. fic. 853.71  
 Rosminian fathers 271.79  
<sup>1</sup>Ross co. O. history 977.182  
<sup>1</sup>Scotland hist. 941.16  
 Rota, Bernardino Ital. poet. 851.42  
 Rotary  
     blowers engineering 621.62  
     converters elec. engin'g 621.31357  
     engins engin types 621.11296  
     stationary 621.166  
     **pumps engineering** 621.66  
 Rotation  
     in offis U. S. history 973.56  
     of earth 525.35  
     hevenly bodies 521.15  
     sun 523.73  
     physics 531.34  
 Rotatores muscle anat. 611.73168  
 Rote teaching education 371.31  
 Rotgans, L. Dutch poetry 839.3141  
 Røtheln public helth 614.524  
 Rotifera zoology 595.1  
 Rotor  
     steam turbin design 621.16534  
     stresses steam turbins 621.16514  
 Rotten  
     boros representation 328.3345  
<sup>1</sup>Rotterdam history 949.2  
     travel 914.92  
 Roucher, J. A. Fr. poetry 841.55  
<sup>1</sup>Rouen history 944.25  
     travel 914.425  
 Roulette amusements 795  
     ethics 175.5  
 Roulettes anal. geom. 516.26  
<sup>1</sup>Roumania history 949.8  
<sup>4</sup>Romanian language 459.9  
 Roumanille, J. Proven. poet. 849.144  
 Round  
     bullets small arms 623.4551  
     dances amusements 793  
     ethics 175.3  
     houses R. R. architect. 725.33  
     shot ordnance 623.45111  
     table Arthurian romance 398.2  
     vocal music 784.1  
     worms parasit. diseases 616.965  
 Roundheds Eng. history 942.062  
 Rousseau, J: B. Fr. poetry 841.51  
     J: J. " fiction 843.56  
     " philos. 194.4  
 Route canal engineering 626.1  
     railroad " 625.11  
<sup>1</sup>Rouville co. Que. history 971.453  
 Rovere, A. de Dut. poetry 839.3121  
 Rowboats boatbilding 623.829  
 Rowe, N. English drama 822.55  
 Rowing sport 797

Rowson, Susanna	Am. fic.	813.22	Running		
<sup>1</sup> Roxburgh, Scotland	hist.	941.47	hygiene		613.72
Roxburghiaceæ	botany	584.31	sewing		646.21
<b>Royal houses</b>	<b>heraldry</b>	<b>929.7</b>	sports		796
<b>lives</b>	<b>biography</b>	<b>923.1</b>	Rupert	German history	943.027
Rubber	dom. econ.	646.181	Rupture of genital tract		618.55
manufactures		678	surgery		617.55
Rubble stone	foundations	721.1332	Rural		
Rubefaciens	therapeutics	615.773	<b>architecture</b>		<b>728</b>
Rubeola	diseases	616.916	cemeteries		719
Rubiaceæ	botany	583.52	<b>economy</b>	<b>agriculture</b>	<b>630</b>
<b>Rubiales</b>	"	<b>583.51</b>	free delivery	postal serv.	383
Rubidium	inorgan. chem.	546.35	<b>life</b>	<b>agriculture</b>	<b>630</b>
<b>Rubies</b>	<b>econom. geol.</b>	<b>553.8</b>	newspapers		070.236
Rubrics	Anglican ritual	264.032	roads	engineering	625.711
Rucellai, G.	Ital. poetry	851.33	schools		379.173
Rückert, F.	Ger. poetry	831.74	sports		796
Rudbeck, Olof	Swed. misc.	839.7831	water supply		628.7
Rudder	shipbuilding	623.85	Rush, Benjamin	Am. essays	814.21
Rugosa	zoology	593.61	<sup>1</sup> Rush co. Ind.	history	977.261
Rugs	domestic economy	645.1	Rushes	botany	584.9
library	"	022.964	Ruskin, John	Eng. essays	824.86
manufactures		677	<sup>1</sup> Russell co. Ont.	history	971.385
oriental		745	Russia		
<b>Ruins</b>	<b>antiquities</b>	<b>913</b>	<b>administration</b>		<b>354.47</b>
Ruiz, Juan	Span. satire	867.1	<b>botany</b>		<b>581.947</b>
<b>Rulers</b>	<b>biography</b>	<b>923.1</b>	<b>finance</b>		<b>336.47</b>
palaces of	architec.	725.17	<b>geology</b>		<b>554.7</b>
Rules			<b>heraldry</b>		<b>929.6</b>
committee	legis. proc.	327.375	<sup>1</sup> <b>history</b>		<b>947</b>
for readers	library econ.	024	<sup>1</sup> in Asia	history	957
staff	"	023.9	maps		912.47
legislative procedure		328.371	<b>peerage</b>		<b>929.77</b>
of order, parliamentary		328.1	<b>schools</b>		<b>379.47</b>
school		371.51	<b>statistics</b>		<b>314.7</b>
Rum	chemic technology	663.5	<b>titles of honor</b>		<b>929.77</b>
<sup>1</sup> Rumania	history	949.8	<b>travel</b>		<b>914.7</b>
travel		914.98	<b>treaties</b>		<b>341.247</b>
<sup>4</sup> <b>Rumansh language</b>		<b>459.9</b>	other topics	see table 1	
<b>literature</b>		<b>859.9</b>	Russian		
Ruminants	zoology	599.7	<sup>1</sup> America, Alaska	history	979.8
Rumination	physiology	612.3275	architecture		723.2
Runeberg, J. L.	Swed. poet.	839.7167	baths	architecture	725.73
Runes		439.6	hygiene		613.46
Anglo-Saxon		429.17	church	sects	281.9
German		437.01	<sup>4</sup> <b>language</b>		<b>491.7</b>
Gothic		439.917	<sup>5</sup> <b>literature</b>		<b>891.7</b>
Runic inscriptions		439.617	music		781.7
Runius, Johan	Swed. poet.	839.7136	Russo-		
Runners	library econ.	023.78	Japanese war	Jap. hist.	952
Running			Rus.	"	947.08
gear	electric cars	621.3347	Turkish war	1736-92	947.06
locomotives		621.135	1853-56		947.07
railroad engine		625.21	1877-78		947.08

Rust, anti-, processes bldg	691.7	Saavedra, Fajardo, D. de	
fungi	589.225	Span. miscellany	868.36
joints plumbing	696.6	Sabbatarians Christ. sect	289.9
Rutaceæ botany	583.23	<b>Sabbath</b>	263
Rutebeuf French poetry	841.17	schools	268
Ruth Bible	222.3	Sabbatic year librarians	023.664
<b>Ruthenian language</b>	<b>491.79.</b>	teachers	371.168
Ruthenium inorg. chem.	546.96	Sabeism philosophy	181.7
<sup>1</sup> Rutland co. Eng. history	942.54	Sabellian heresies	273.3
<sup>1</sup> Vt. " "	974.37	Sabiaceæ botany	583.291
Rydberg, V. Swed. fiction	839.7367	Sabini ancient history	937.4
Rydellius, Anders " misc.	839.7834	Sabotage	331.89
Rye		<sup>1</sup> Sac co. Ia. history	977.7424
agriculture	633.1	Saccharomycetes botany	589.91
House plot Eng. hist.	942.066	Saccharose nutrition	612.39614
Ryswick, peace of treaties	341.24	Sacchetti, Franco Ital. fact.	853.21
		Saccule anatomy	611.8524
		physiology	612.8582
		Sachs, Hans Ger. poetry	831.44
		Sacral	
		artery, lateral anat	611.1374
		middle	611.1363
		cord	611.8215
		Sacramentals pub. worship	264.9
		<sup>1</sup> Sacramento city Cal. hist.	979.454
		<sup>1</sup> co. " "	979.453
		<b>Sacraments</b>	265
		Anglic. ritual	264.035
		Sacred	
		<b>art</b>	246
		<b>biography</b>	922
		drama miracle plays	792
		religion	244
		<b>furniture</b>	247
		<b>history</b>	270
		<b>music</b>	783
		<b>poetry</b>	245
		rhetoric	251
		Sacrifice birth customs	392.2
		christology	232.4
		Sacrifices Bible	220.93
		sacraments	265.3
		Sacrilege	265.9
		<b>Sacroccygeal joints</b>	<b>611.7217</b>
		Sacroiliac joints	611.7281
		Sacrosciatic ligament	611.7281
		Sacrum anatomy	611.7117
		Sad irons laundry	648.42
		Saddlery trade	685
		Sadi-Carnot French hist.	944.08
		Saengerbund music festival	784.5
		Safe deposit bldgs archit.	725.24
		storage "	725.35
		Safes manufactures	672

## Safety

devices elec. line	621.3198
station	621.3178
elevators	621.87785
ordnance	623.4243
steam locom.	621.139
turbins	621.16535
telephone station	621.38794
terminal	621.38694
telegraf	621.38328
lamps min. engin'g	622.47
valvs locomot. boiler	621.1339
steam "	621.18473
piping	621.1854
<sup>1</sup> Sagadahoc co. Me. hist.	974.18
Sagas, Norse	839.6
Sage foundation	306
<sup>1</sup> Saginaw city, Mich. hist.	977.446
<sup>1</sup> co. " "	977.446
Sago chemic technology	664.2
<sup>1</sup> Saguenay co. Que. history	971.417
<sup>1</sup> Sahara desert history	966.1
phys. geog.	551.58
Sailing directions	656
great circle navig.	527.5
vessels, early	623.821
modern	623.822
Sailmaking trade	689
Sailors biography	926.56
suffrage	324.177
Sails ship outfit	623.86
Saint	
Albans raid U. S. hist.	973.722
Vt. "	974.3
Amant, M. A. G. Fr. satire	847.42
Bartholomew massacre	272.4
Bernard, hospice of	
protection of life	614.87
<sup>1</sup> Catherines city, Ont. hist.	971.351
<sup>1</sup> Charles co. Mo. history	977.839
<sup>1</sup> Clair co. Ill. history	977.389
<sup>1</sup> Mich. " "	977.441
<sup>1</sup> Mo. " "	977.8466
Clair's exped. U. S. hist.	973.42
<sup>1</sup> Croix co. Wis. history	977.541
Evremond Fr. essays	844.42
<sup>1</sup> François co. Mo. history	977.868
<sup>1</sup> Helena history	997
<sup>1</sup> Hyacinthe co. Que. hist.	971.452
<sup>1</sup> John city, N. B. " "	971.532
<sup>1</sup> co. " "	971.532
lake, Que. travel	917.1414
of Jerusal. knights of	929.711
<sup>1</sup> Johns co. Que. history	971.438

## Saint

<sup>1</sup> Joseph co. Ind. history	977.289
<sup>1</sup> Mich. " "	977.419
<sup>1</sup> Mo. " "	977.8131
<sup>1</sup> Lawrence co. N.Y. " "	974.756
<sup>1</sup> river, Que. " "	971.4
<sup>1</sup> Louis city, Mo. " "	977.866
travel	917.7866
<sup>1</sup> co. Mo. history	977.865
Marc Girardin Fr. essays	844.75
<sup>1</sup> Mary co. Md. history	975.241
<sup>1</sup> Maurice co. Que. " "	971.445
Petersburg, Russia " "	947.4
trav.	914.74
Pierre, J. H: B. de Fr. fic.	843.61
Simonism socialism	335.2
<sup>1</sup> Thomas city, Ont. hist.	971.335
Vitus' dance diseases	616.851
Sainte Beuve, C: A. Fr. lit.	844.74
<sup>1</sup> Genevieve co. Mo. hist.	977.869
Saints	
apostolic lives of	225.92
days labor holidays	331.817
doctrin	235
in art ecclesiology	246
painting	755
Latter day biography	922.98
doctrin	298
lives of	922
Salads cookery	641.83
gardening	635.5
see also special names	
Salamanders batrachia	597.9
Salaries legislatures	328.333
library servis	023.8
of teachers	371.16
pol. econ.	331.2
Salary loans	332.3
payments lib. fin.	025.115
Sale catalogs of books	017-019
of duplicates lib.econ.	025.265
state prop. finance	336.12
<sup>1</sup> Salem city, N. J. history	974.992
<sup>1</sup> co. " "	974.991
Salernitano, M. Ital. fict.	853.31
<sup>1</sup> Salerno, Italy history	945.74
Salesmen's occupation	
hygiene	613.65
Salic laws Ger. law	349.432
Salicin nutrition	612.396175
Salicinæ botany	583.981
Salicylates therapeutics	615.75
Salicylic acid org. chem.	547.76
disinfec. cont.dis.	614.486

Salin			Samaritans	sects	296
substances in urin	612.4616		Samarium	inorg. chem.	546.692
waters	econ. geology	553.72	Samnite wars	Roman hist.	937.03
<sup>1</sup> Saline co. Ill.	history	977.3992	Sammium	ancient	" 937.7
<sup>1</sup>	Mo.	" 977.847	<sup>1</sup> Samoa, Polynesia	"	996.1
Salins	cathartics	615.7322	Samos	ancient	" 939.14
Saliva	physiology	612.313	<sup>1</sup>	modern	" 949.94
	therapeutics	615.741	Samsøe, O. J.	Dan. drama	839.8253
Salivary			Samuel	Old Testament	222.4
glands	anatomy	611.316	Samydaceæ	botany	583.451
	physiology	612.313	San Antonio, battle		973.6238
nucleus	anatomy	611.81768	<sup>1</sup>	Benito co.	Cal. hist. 979.475
secretion	physiol. zool.	591.143	<sup>1</sup>	Bernardino co.	" " 979.495
Salivation	physiology	612.81977	<sup>1</sup>	Clemente il.	" " 979.493
Salles d'asile		372.944	<sup>1</sup>	Diego city	" " 979.498
Sallust	Latin literature	878.2	<sup>1</sup>	co.	" " 979.498
Salmon	fishes	597.5		Domingo, annex. treaty	
	fishing amusem't	799		U. S. history	973.82
	business	639.2	<sup>1</sup>	Francisco city	Cal. " 979.461
Salomon and Morolf	Ger.sat.	837.22	<sup>1</sup>	co.	" " 979.461
Saloon furnishings	ships	623.86	<sup>1</sup>	Joaquin co.	" " 979.455
Saloons	architecture	725.72	<sup>1</sup>	José city	" " 979.474
	billiard	" 725.84		Juan boundary U.S.	" 973.82
	temperance	178.4	<sup>1</sup>	Luis Obispo co.	Cal. " 979.478
<sup>1</sup> Salop, England	history	942.45	<sup>1</sup>	Potosi, Mex.	" 972.4
Salt			<sup>1</sup>	Mateo co.	Cal. " 979.469
baths	hygiene	613.45	<sup>1</sup>	Miguel il.	" " 979.491
	prac. chem.	542.46	<sup>1</sup>	Nicholas il.	" " 979.492
foods	hygiene	613.28	<sup>1</sup>	Salvador	" 972.84
lithology		552.53	Sancho 4	Span. miscel.	868.12
manufacture		664.4	Sanctification	doctr.theol.	234.8
mining		622.36	Sanctis, F de	Ital. essays	854.81
rock	economic geology	553.63	Sanctuary	legal antiq.	340.3
Salt peter	mineralogy	549.72	Sanctus	sacred music	783.22
Salts			Sand, George	Fr. fiction	843.82
absorption	physiology	612.3821	Sand		
chemic technology		661.4	baths	prac. chemistry	542.45
chemistry of food		641.17	blasts	pneumatic mach.	621.549
in muscle	physiology	612.74416	filtration	water supply	628.16
mesology		612.014463	foundation	architec.	721.11
nutrition	physiology	612.39261	piles	"	721.141
of ammonia	chem. tech.	661.5	storms		551.51
stomach	absorption of	612.32275	Sandals	costume	391.4
theoretic	chemistry	541.4	Sandbugs	zoology	595.36
Saluste du Bartas, G. de			Sandemanianism	sects	289.9
	French poetry	841.37	Sander, K. L.	Dan. drama	839.8256
Salvadoraceæ	botany	583.716	Sands	econ. geology	553.62
Salvage	maritime law	347.7	Sandstone	" "	553.53
Salvation	doctr. theology	234		lithology	552.51
	army	267.15		old red	551.74
Salviati, L.	Ital. essays	854.45	<sup>1</sup> Sandusky city, O.	hist.	977.1221
<sup>1</sup> Salzburg, Austria	hist.	943.63	<sup>1</sup>	co.	" " 977.1214
Samaniego, F. M. de		861.44	<sup>1</sup> Sandwich islands	history	996.9
<sup>4</sup> Samaritan language		492.5	Sandwiches	cookery	641.84

Sandys, George Am. poet.	811.11	<sup>1</sup> Saône et Loire, Fr. hist.	944.43
<sup>1</sup> Sangamon co. Ill. history	977.356	Sap, circulation of botany	581.11
Sangreal legends	398.2	Sapheous	
Sanguification physiology	612.119	nerv, internal anat.	611.83554
Sanhedrim Judaism	296	vein, long "	611.14733
<sup>1</sup> Sanilac, Mich. history	977.443	short "	611.14738
Sanitariums helth resorts	613.12	Sapindaceæ botany	583.281
Sanitary		<b>Sapindales</b> "	<b>583.28</b>
<b>affairs public helth</b>	<b>614</b>	Sapodilla family agric.	634.43
appliances hygiene	613.08	Saponin nutrition	612.396175
pub. helth	614.08	Sapotaceæ botany	583.681
commission U. S. civ. war	973.7771	Sapotaceous fruits agric.	634.43
commissions local gov't	352.4	Sappers mil. science	358.3
U. S.	361	Sappho Greek poetry	884.2
districts Eng. loc. gov.	352.0425	Saprolegniceæ botany	589.26
<b>engineering</b>	<b>628</b>	Saps military engineering	623.24
fairs U. S. civil war	973.7772	<b><sup>1</sup>Saracen empire history</b>	<b>953</b>
inspection of schools	371.711	Saracenic architecture	723.3
laws public helth	614.09	Saratoga battle Am. revol.	973.3333
mesures dom. econ.	648	co. N. Y. history	974.748
<b>public helth</b>	<b>614.09</b>	Sarcoma diseases	616.992
police administration	351.77	Sarcophagi burial customs	393.1
reports public helth	614.09	Sardinia ancient history	937.9
science engineering	628	modern "	945.9
surveys public helth	614.77	Sardou, Victorien Fr. dram.	842.86
Sanitation		Sarmatia Asiatica anc. hist.	939.52
<b>industrial engineering</b>	<b>628.5</b>	Europa " "	939.81
military	623.75	Sarpi, Paolo Ital. essays	843.51
of house dom. econ.	648.5	Sarraceniaceæ botany	585.121
towns engineering	628.4	<sup>1</sup> Sarthe, France history	944.17
principles of "	628	Sartorius muscle anat.	611.73821
public	614	Sash arch. construction	721.83
school bildings	371.626	<sup>1</sup> Saskatchewan, Can. hist.	971.24
<b>veterinary, pub. helth</b>	<b>614.9</b>	Sassacus, ship U.S.civ.war	973.754
Sannazzaro, J. Ital. poetry	851.26	Sassanian architecture	722.5
<sup>4</sup> Sanskrit language	491.2	Sassanians ancient history	935.7
<sup>5</sup> <b>literature</b>	<b>891.2</b>	Satan doctrinal theology	235
Santa		Satanism " "	235
<sup>1</sup> Barbara co. Cal. hist.	979.491	witchcraft	133.4
<sup>1</sup> il. " "	979.491	Satellites	
<sup>1</sup> Catalina il. " "	979.493	action of astronomy	521.42
<sup>1</sup> Clara co. " "	979.473	theoretic "	521.6
<sup>1</sup> Cruz co. " "	979.471	<sup>5</sup> Satire Eng. literature	827
<sup>1</sup> il. " "	979.491	Satires, religious	244
<sup>1</sup> Rosa il. " "	979.491	Satiric music, dramatic	782.6
Santalaceæ botany	583.943	Satirists, English lives	928.27
Santiago		Saturn astronomy	523.46
<sup>1</sup> Chile history	983	Satyre Ménippée, La Fr. sat.	847.33
travel	918.3	<sup>1</sup> Sauk co. Wis. history	977.576
Cuba, siege U. S. hist.	973.893	<sup>1</sup> Sault Ste Marie, Ont. hist.	971.313
de Cuba, soc'ty of army of	369.182	Saurians	598.1
<sup>1</sup> Santo Domingo history	972.93	Sauropterygia reptils	598.16
Santorini's duct anatomy	611.375		
muscle "	611.7326		



Sautering	cookery	641.77	Scales		
Savages			watch and instrum. mak'g	681	
Savannah, Ga.			weights and mesures	389	
campaign	U. S. civ. war	973.7378	Scallop	fishery	639.4
capture	Amer. revol.	973.3347	Scalping	war customs	399
<sup>1</sup> history		975.8	Scalvies	diseases	616.9685
siege	Amer. revol.	973.3357		public helth	614.55
travels		917.58	Scaly affections	of skin	616.51
Savings banks			Scandal	ethics	177.2
architecture		725.24	Scandinavia	heraldry	929.6
political economy		332.2	<sup>1</sup>	history	948
school education		371.673		peerage	929.78
state control		351.825	Scandinavian		
Savoy			<sup>4</sup> language		439.5
declaration	doct. theol.	238.5	<sup>5</sup> literature		839.5
<sup>1</sup> France	history	944.48	philosofers		198
house of Ital.	history	945	lives		921.8
Saw mills		674	protestants		284.7
Saws	tools	621.93	Scandium	inorgan. chem.	546.69
<sup>1</sup> Sawyer co. Wis.	history	977.516	Scansores	birds	598.7
Saxe, J:G.	Am. satire	817.35	Scaphoid		
<sup>1</sup> Saxe-Altenburg, Ger.	hist.	943.24	bone, carpal	anatomy	611.71771
<sup>1</sup> Gotha-Coburg	" "	943.25	tarsal	" "	611.71876
<sup>1</sup> Meiningen	" "	943.26	cuboid joints	" "	611.72856
<sup>1</sup> Weimar	" "	943.23	cuneiform joints	" "	611.72856
Saxhorn	wind instrument	788.42	Scaphopoda	zoology	594.2
Saxifrageæ	botany	583.38	Scapula	anatomy	611.7171
Saxo Grammaticus	Dan. lit	839.8811	Scapular artery, dorsal	anat	611.1348
Saxon			Scapuloclavicular joint		611.72724
<sup>4</sup> Anglo-	language	429	Scarf skin	anatomy	611.771
literature		829	Scarfs, hed	toilet	646.55
<sup>4</sup> old	language	439.2	Scarlatina	diseases	616.917
literature		839.2	Scarlet fever	pathology	616.917
Romanesque	architec.	723.42		pub. helth	614.522
<sup>1</sup> Saxony	history	943.21	Scarron, Paul	Fr. satire	847.43
house of, Ger.	hist.	943.022	Scavenging of towns		628.4
<sup>1</sup> Prussian	" "	943.18	Schedules		
Saxophone	wind instrum.	788.43	tariff	finance	336.26
Saybrook	platform creeds	238.5	Scene painting	painting	750
Scabs	labor strikes	331.891		theater	792
Scagliola	masonry	693.64	Scent glands		
Scala media	anatomy	611.8521	comparativ	physiol.	612.493
Scalds	surgery	617.11	economic	zoology	591.66
Scale			physiologic	" "	591.144
contract	wages	331.22	protectiv	organs	591.57
prevention, boiler		621.1944	Septicium, etc.	<i>see</i> Skepticism	
Scalenus	anatomy	611.7339	Scheele, K:V.	Swed. misc.	839.7848
Scales			Schefer, L.	Ger. poetry	831.81
comparativ	anatomy	611.785	Scheffel, J. V; von	Ger. fic.	833.83
mesuring	instruments	530.8	Schelling	Ger. filosofy	193.4
music		781.2	<sup>1</sup> Scheneectady, N. Y.	hist.	974.744
practical	chemistry	542.32	Scherzo	orchestral music	785.1
track	railway engin'g	625.18	Schiller, J; C. F;	Ger. dram.	832.63
wage	political economy	331.22	Schimmel, H.J.	Dut. "	839.3253

Schism	
Avignon	270.5
Eastern & Western ch.	270.3
in the church eccles. pol.	262.8
Schists lithology	552.43
Schizomycetes botany	589.95
Schleiermacher Ger. phil.	193.6
Schlemm's canal anat.	611.8415
<sup>1</sup> Schleswig-Holstein, Ger. hist.	943.51
<sup>1</sup> Schoharie co. N. Y. hist.	974.745
Scholars citizenship	323.65
Scholar's life self-culture	374
Scholarships	
research	378.34
school tuition	371.22
Scholastic philosophers' lives	921.9
philosophy	189.4
Schöning, G. Dan. misc.	839.8844
School	
architecture	727
buildings education	371.62
board room lib. bldgs	022.612
city student gov't	371.595
districts Eng. loc. gov.	352.0426
equipment	371.6
funds state education	379.11
furniture	371.63
gardens elem. educ.	372.36
grounds	371.61
hygiene	371.7
libraries . education	371.64
library econ.	027.8
lunch rooms	642.58
meals school hygiene	371.716
premises	371.6
promenades school hyg.	371.737
savings banks	371.673
texts Eng. language	428
Y. M. C. A. work	267.361
<sup>1</sup> Schoolcraft co. Mich. hist.	977.493
Schools	
and libraries lib. econ.	021.3
architecture	727
education	370
hygiene	613.54
library propagandism	021.75
training	020.7
of painting	759
parochial education	377.5
parish work	257
public	379
reform	364
architecture	725.64
riding	725.88

Schools	
special curriculums	375.008
higher educ.	378.99
Sunday	268
<sup>2</sup> see special subject	
Schopenhauer Ger. philos.	193.7
<sup>1</sup> Schuyler co. Ill. history	977.347
<sup>1</sup> Mo. " "	977.826
<sup>1</sup> N. Y. " "	974.781
Ft Amer. revol.	973.3334
<sup>1</sup> Schuylkill co. Pa. history	974.817
Schwann's sheath histol.	611.018833
<sup>1</sup> Schwartzburg, Ger. hist.	943.27
Sciatic artery anat.	611.13765
Sciatica diseases	616.87
Science	
and religion apologetics	239.8
nat. theol.	215
applied	600
biography of	925
elementary education	372.3
mental	150
military	355
moral	170
natural	500
naval	359
of religion	201
political	320
sanitary	628
social sociology	300
study teaching	507
Sciences, classification of	501
natural	500
occult	133
Scientific	
buildings architecture	727
explorations, general	508.3
men, lives of	925
surveys, general	508.3
systems economics	330.15
travels	508.3
Scientists, apologetics ag'st	239.8
<sup>1</sup> Scilly Islands history	942.37
travel	914.237
Sciopticon optics	535.86
<sup>1</sup> Scioto co. O. history	977.187
Scitamineæ botany	584.21
Sclera anatomy	611.8415
physiology	612.8415
Sclerotic coat anatomy	611.8415
eye diseases	617.71
Scollop fishery	639.4
Sconces domestic econ.	644.325
Scoops, water steam locom.	621.1363

- Scope and usefulness of lib.** 021
- Scoria volcanic rocks 552.21
- Scorpions zoology 595.4
- Scotch
- <sup>1</sup> border history 941.4  
travel 914.14  
episcopal church 283.41  
poetry 821  
churches, presbyterian 285  
covenant creeds 238.5  
deists apologetics 239.5  
English dialects 427.9  
episcopal church 283.41
- <sup>4</sup> language 491.63  
music, vocal 784.4  
philosophers biography 921.2  
philosophy 192  
poetry 821  
presbyterians biography 922.541  
Romanesque architecture 723.41
- Scotland
- administration 354.41  
antiquities 913.41  
architecture 720.941  
botany 581.941  
colleges 378.41  
constitutional law 342.41  
education 370.941  
finance 336.41  
geology 554.1  
history 941  
laws 349.41  
maps 912.41  
religious history 274.1  
schools, public 379.41  
statistics 314.1  
travel 914.1  
treaties 341.241  
universities 378.41  
zoology 591.941
- <sup>1</sup>Scotland co. Mo. history 977.831
- Scott
- Dred, case U. S. civ. war 973.7115  
decision slavery 326.973  
U.S.hist. 973.68  
Walter Eng. fiction 823.73  
poetry 821.74
- <sup>1</sup>Scott co. Ill. history 977.345
- <sup>1</sup> Ind. " 977.218
- <sup>1</sup> Ia. " 977.769
- <sup>1</sup> Mo. " 977.897
- Scott-Brown shorthand 653.53
- Scottish, see Scotch
- Scott's campaign Mex. war 973.6236
- Scotus, Duns mediev. phil. 189.4  
Erigena " " 189.4
- Scovill shorthand 653.37
- Scows boatbuilding 623.829
- <sup>1</sup>Scranton, Pa. history 974.837
- Scrap  
book methods 029.3  
books general collec. 040  
for special see subject
- Screen doors arch. constr. 721.83
- Screening min. engin'g 622.74
- Screens  
architectural construc. 721.87  
domestic economy 645.3  
fixt furniture 729.96  
food 648.7
- Screw  
brakes gun mounts 623.43562  
cutting mech. engin'g 621.882  
gears " " 621.8333  
jacks " " 621.8869  
joints plumbing 696.5  
physics 531.87  
pile foundations 721.152  
propellers engineering 621.12  
shipbuilding 623.87  
strength of materials 620.11287  
threds mech. engin'g 621.882
- Screws fastenings 621.882
- Scribe, A. E. Fr. drama 842.73
- Script writing 652
- Scriptural biography Bible 220.92  
N. T. 225.92  
O. T. 221.92
- Scripture  
chronologies 220.94  
commentaries 220.7  
concordances 220.2  
dictionaries 220.3  
harmonies of gospels 226.1  
histories 220.95  
readings public worship 264.3
- Scriptures, holy Bible 220
- Scriveboard shipbuilding 623.83
- Scrofula diseases 616.996
- Scroll-sawing 749
- Scrophularineæ botany 583.81
- Scrotum anatomy 611.638  
diseases of 616.67
- Scrutin  
d'arrondissement suffrage 324.221  
de liste " 324.222
- Scudéry, G' de Fr. fiction 843.44  
M. de " " 843.45

Sculptors biography	927.3	Seats	
<b>Sculpture</b>	<b>730</b>	country architecture	728.8
prehistoric	571.73	<b>Seaweeds botany</b>	<b>589.3</b>
sacred ornamentation	247.3	fertilizers	631.873
school decoration	371.637	Sebaceous	
Scurvy diseases	616.39	glands anatomy	611.773
Scutage feudalism	321.3	disorders of	616.53
Scythia ancient history	939.51	secretion animals	591.141
<b>Scythian language</b>	<b>494</b>	<sup>1</sup> Sebastopol, Russia hist.	947.7
Sea		Secession	
<b>anemones zoology</b>	<b>593.6</b>	church of Scotland	285.6
aqueous erosion	551.35	law	342
baths hygiene	613.45	<b>U. S. history</b>	<b>973.7</b>
cow	599.5	Secessionists in North	
<b>cucumbers zoology</b>	<b>593.96</b>	U. S. civil war	973.718
fishery business	639.2	Second	
grapes zoology	594.9	advent of Christ	232.6
laws	347.7	adventists sects	289.3
lilies zoology	593.91	ballot suffrage	324.248
mats	594.7	empire Fr. history	944.07
<b>mosses algae</b>	<b>589.3</b>	language elem. educ.	372.65
power	359	nerv anatomy	611.8312
serpent delusions	133.7	physiology	612.8192
shore resorts hygiene	613.12	sight	133.3
urchins fishery	639.6	war with Eng. U.S.hist.	973.52
paleontology	563.95	Gt. Brit., soc. of	369.144
zoology	593.95	Secondary	
walls engineering	627.4	batteries electricity	537.84
<b>weeds botany</b>	<b>589.3</b>	cells elec. engineering	621.354
fertilizers	631.873	period geology	551.76
Seal engraving	736	schools for girls	376.63
fishing	639	gymnastics in	371.7323
Seals college	378.27	library equipm't	371.646
heraldry	929.8	manual train'g in	371.423
zoology	599.7	public	379.17
Seamanship	656	Secret	
Seamen's lives	926.56	ballot suffrage	324.245
Search		servis Amer. revol.	973.385
light elec. engineering	621.32582	U. S. civ. war	973.785
military "	623.731	war of 1812	973.528
right of interna. law	341.3	societies	366
Seashore resorts hygiene	613.12	buildings arch.	728.4
Seasickness diseases	616.33	college	371.85
physiology	612.8862	writing cryptography	652
Seaside cottages architect.	728.7	Secretaries	
resorts hygiene	613.12	legislative bodies	328.3623
Season, vacation lib. econ.	023.661	Secretion	
Seasons astronomy	525.5	animals	591.14
hygiene	613.13	intestinal	
zoology	591.54	action of nervs on	612.3381
Seating capacity architect.	729.2	pathologic changes	612.336
Seats		physiology	612.333
aviation	629.182	lactic physiology	612.6643
ballooning	629.162	of liver	612.35

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Secretion  
  **physiology** 612.4
- Secretory organs  
  animals comp. anat. 591.44  
  descriptiv anat. 591.74
- Sectarian  
  schools, public aid to 379.121  
  teaching in schools 377.1
- Sects, Christian 280
- Secular changes of season  
  **education** 377
- Sédaine, M. J: Fr. drama 842.57
- <sup>1</sup>Sedalia, Mo. history 977.8481
- Sedentary life hygiene 613.65
- Sedimentary rocks lithol. 552.5
- Sedition law 343  
  act U. S. history 973.44
- See eccles. polity 262.3
- Segment shell ordnance 623.4515
- Segmentation embryology 611.01331
- Segregation geol. agents 551.98  
  vs coeducation 376.7
- Segura de Astorga, J.L. 861.14
- Seigniories, abol'n Can. hist. 971.4
- <sup>1</sup>Seine et Marne, Fr. hist. 944.37
- <sup>1</sup>  Oise, " " 944.36
- <sup>1</sup>  Inférieure, " " 944.25
- Seismology** 551.2
- Selachii fishes 597.3
- Selagineæ botany 583.876
- Selecting lib. books, meth.of 025.215
- Selection  
  natural evolution 575.4  
  physiol. 612.609  
  of books, etc. lib. econ. 025.21  
  candidates suffrage 324.23  
  library trustees 023.31  
  manuscripts publish. 655.51  
  sexual evolution 575.5
- <sup>3</sup>Selections Eng. philology 428.7
- Selectiv system telephone 621.38524
- Selenids mineralogy 549.3
- Selenium inorganic chem. 546.23
- Self  
  **culture** 374  
  defense, art of athletics 796  
  **education** 374  
  government pol. sci. 321.8  
  **school** 371.59
- Selfishness ethics 179.8
- <sup>1</sup>Selkirk, Scotland history 941.46
- Selling  
  votes suffrage 324.271
- Sem Tob, Rabbi Span. lit. 861.16
- Sematology philology 419.1
- Semiautomatic telefones 621.38572
- Semicircular canals anat. 611.8526
- Semidetacht city houses** 728.34
- Semidiameter  
  of celestial bodies 522.93
- Semilunar  
  bones, carpal anatomy 611.71772  
  ganglion, cranial " 611.8915  
  ganglions, symp. " 611.8393  
  valvs " 611.12656
- Semimembranosus muscle 611.73829
- Seminal vesicles anatomy 611.636
- Seminar room lib. bildings 022.653
- Seminaries  
  architecture 727.2  
  **education** 373  
  **theologic religion** 207  
  <sup>2</sup> for special topic see subject
- Seminary method of instruc. 371.37
- Seminiferous ducts anat. 611.6311  
  physiol. 612.617
- Seminole wars, U. S. history  
  1818 973.541  
  1835-42 973.571
- Semirigid dirigibles 629.156
- Semisoveren states pol. sci. 321.025
- Semispinalis muscle 611.73161
- Semistationary engins 621.159
- Semitendinosus muscle 611.73828
- Semitic languages** 492  
  **literatures** 892
- Senancour, E. P. de Fr. lit. 844.64
- Seneca, L. A. Latin drama 872.6  
  misc. 878.5  
  stoic phil. 188.6
- <sup>1</sup>Seneca co. N. Y. history 974.769
- <sup>1</sup>  O. " 977.124  
  indians 970.3
- <sup>1</sup>Senegambia history 966.3
- <sup>1</sup>Sennaar, Egypt " 962.9
- Sensation  
  beginnings of biology 576.4  
  in animals zoology 591.18  
  plants botany 581.18  
  **mental faculties** 152  
  **physiologic psychology** 612.8218
- Sensational journalism 070.16
- Sensationalism 145
- Sense **mental faculties** 152  
  **physiology** 612.8218
- Sensibility  
  and movement physiol. 612.8114  
  **chromatic** " 612.8433

Sensibility			Sericeous secretion	zoology	591.142
cutaneous	physiol.	612.794	Sericulture		638.2
mental faculties		157	Series		
physiologic psychology		612.82133	algebra		512.4
recurrent	physiology	612.812	calculus		517.21
to pain	"	612.884	motors elec. engin'g		621.31365
sound	"	612.85876	system telephone		621.38522
Sensitiv plant	botany	583.32	trigonometry		514.2
	physiol. bot.	581.5	wound generators		621.313232
Sensory			Sermons		
and motor nervs, distinc.		612.811	<b>homiletics</b>		<b>252</b>
<b>apparatus anatomy</b>		<b>611.8</b>	public worship		264.6
delusions	physiology	612.82189	U. S. history	civil war	973.795
ganglions	"	612.8113		revolution	973.395
terminations	histology	611.018869		war of 1812	973.5295
*Sentences, special	Eng.	425.4	Serotherapy		
Sentimental music		784.3	for venoms	physiol.	612.3145
Separate system of sewerage		628.212	therapeutics		615.37
Separates	lib. economy	025.232	Serous		
Separation			membranes		
of powers	English gov.	354.4202	absorption by.		612.387
	French "	354.4402	admin. of medicin by		615.66
	German "	354.4302	histology		611.01874
	U. S. "	353.02	Serpent charming		591.57
Separators			worship		291
cream	dairy	637	Serpentine	econom. geol.	553.55
steam	engineering	621.1974		lithology	552.47
Sepia	paint	751	Serpents	zoology	598.12
Sepoy war, Indian	history	954	Serrati posteriores	anat.	611.7312
<b>Septic diseases</b>		<b>616.94</b>	Serratus anterior	"	611.7355
Septicemia	diseases	616.944	posticus	"	611.7312
	obstetrics	618.74	Serum		
Septuagint	Bible	221.48	staining substances		612.1251
Septum lucidum	anatomy	611.81324	Servants		
Sepulchers	cemeteries	718	<b>domestic economy</b>		<b>647.2</b>
Sepulture	customs	393.1	ethics		173.8
	<b>public helth</b>	<b>614.61</b>	law		347.6
Sequence	cathedral servis	783.23	quarters	architecture	728.92
Serafi	Catalan poetry	849.9135		dom. economy	645.69
Serao, Matilde	Ital. fict.	853.88	Servetus	medieval phil.	189.5
Serapis, ship	Amer. revol.	973.355	*Servia	history	949.7
*Serbia	history	949.7	* <b>Servian language</b>		<b>491.82</b>
Serbian	language	491.82	Serving		
Serfs			at table	dom. economy	642.6
emancipation	Russ. hist.	947.08	room	" "	643.45
origin of	" "	947.04	Servis		
slavery		326.3	<b>amount of teachers</b>		<b>371.16</b>
social classes		323.34	<b>apparatus elec. light.</b>		<b>621.328</b>
Sergardi, Ludovico	Ital.sat.	857.57	books	Anglican ritual	264.03
Sergeants			clerical	lib. economy	023.76
-at-arms	legislativ bodies	328.3624	emergency	dom. econ.	647.29
law	lives	923.442	library		023
Serials	library admin.	025.173	<b>mechanic lib. economy</b>		<b>023.77</b>
	special, see subject		military	suffrage	324.171
			periods, military		355.11

Servis			
professional bilding	692.8		
table dom. economy	642.6		
Servitude, military	355.2		
slavery	326		
Sesamoid bones, foot	611.71899		
hand	611.71799		
Session laws, American	345.1		
English	346.1		
Sessions			
legislative bodies	329.35		
special legis. salaries	328.333		
Sestini, B. Ital. poetry	851.68		
Setons therapeutics	615.812		
Settees dom. econ.	645.42		
Setting table " "	642.6		
type printing	655.25		
Settlements, social	331.85		
Seven			
champions	398.2		
day books lib. econ.	024.62		
days battles U. S. hist.	973.7327		
Pines, Va. battle	973.7327		
sages	398.2		
sleepers	398.2		
weeks war German hist.	943.081		
wonders of the world	609		
years war Canadian hist.	971.018		
German "	943.056		
U. S. "	973.26		
Seventh			
day adventists sects	289.3		
baptists "	286.3		
Sabbath	263.2		
nerv anatomy	611.8317		
physiology	612.8197		
<sup>1</sup> Seville history	946.8		
travels	914.68		
Sewage, disposal of	628.3		
Sewer gas air pollution	614.765		
sanitary engin'g	628.23		
Sewerage			
city administration	352.6		
engineering	628.2		
systems	628.21		
Sewers			
and outlets air pollut.	614.765		
disinfection pub. helth	614.48		
Sewing			
domestic economy	646.2		
element'y manual train'g	372.54		
machine	687		
plain dom. economy	646.21		
shoes	685		
Sewing			
tailoring	687		
Sex			
customs	392		
in education	376		
nature	577.8		
influence of therapeutics	615.55		
mortality pub. helth	614.141		
origin of evolution	575.9		
production of embryol.	591.36		
Sexes mental characterist.	136.1		
proportion of	612.606		
Sextant			
astronomic instrument	522.41		
finding time by horology	529.74		
Sexual			
ethics	176		
organs anatomy	611.6		
zoology	591.46		
science	612.6		
selection evolution	575.5		
variation animals	591.156		
Shade and light arch.design	729.14		
Shades			
and shadows descr.geom.	515.7		
window furnishings	645.3		
Shading shorthand	653.01		
Shadows perspectiv	515.63		
Shaft sinking mining	622.25		
Shafting mill work	621.82		
Shaftsbury, earl of Eng. lit.	824.51		
Shakers biography	922.88		
sects	289.8		
Shaking grates engin'g	621.18354		
Shakspere Eng. drama	822.33		
Shale lithology	552.52		
<sup>1</sup> Shanghai history	951.1		
travels	915.11		
<sup>1</sup> Shannon co. Mo. history	977.887		
ship U. S. war 1812	973.5253		
Shapers machine tools	621.912		
Shapes strength of mater.	620.1128		
Shares political economy	331.235		
Sharks fishes	597.3		
fossils	567.3		
Sharpsburg, Md. battle	973.7336		
<sup>1</sup> Shasta co. Cal. hist.	979.424		
Shaving customs	391.5		
toilet	646.5		
Shaw, H: W. Am. humor	817.46		
<sup>1</sup> Shawano co. Wis. history	977.536		
Shawls clothing	646.45		
Shay's rebellion Mass. hist.	974.4		
U. S. "	973.318		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Shearing			Shenandoah		
strength of materials	620.11245		valley campaign civ. war	973.7377	
tools mech. engineering	621.96		Shenstone, W: Eng. poetry	821.58	
Shears machine tools	621.932		Sheol eschatology	236.4	
<b>Sheaths of tendons anat.</b>	<b>611.75</b>		<sup>1</sup> Shepherdstown, W. Va. hist.	975.499	
diseases	616.76		Sherbet cookery	641.86	
Sheaves mill gearing	621.856		<sup>1</sup> Sherbrooke city, Que. hist.	971.466	
<sup>1</sup> Sheawasse co. Mich. hist.	977.425		co. " " "	971.466	
<sup>1</sup> Sheboygan co. Wis. " "	977.566		Sheridan, R: B. Eng. drama	822.66	
Sheds aeronautics	629.144		oratory	825.64	
Sheep			Sheridan's ride U. S. civ. war	973.7377	
diseases of compar. med.	619.3		Sheriffs law	347.96	
domestic animals	636.3		local governm't	352.2	
hunting	799		Sherman silver act U.S. hist.	973.86	
zoology	599.7		Sherman's march to the sea	973.7378	
<sup>1</sup> Sheffield history	942.74		<sup>1</sup> Shetland ilands history	941.11	
<sup>1</sup> Shefford co. Que. history	971.463		travels	914.111	
<sup>1</sup> Shelburne co. N. S. " "	971.625		Shields heraldry	929.6	
<sup>1</sup> Shelby co. Ill. history	977.3798		weapons	399	
1 Ind. " "	977.259		Shifts of work pol. econ.	331.811	
1 Ia. " "	977.748		Shillaber, B. P. Am. humor	817.34	
1 Mo. " "	977.832		Shiloh, Tenn. battle	973.7326	
1 O. " "	977.145		Shingle roofs bilding	695.1	
Shelf dep't library econ.	025.8		Shingles skin diseases	616.52	
Shell			Shintoism	299.5	
banks prehist. archeol.	571.93		Ship		
boiler steam engin'g	621.18452		bilding	623.8	
fish fishery	639.4		canals engineering	626.9	
zoology	594		sociology	386	
locomotiv boiler	621.1333		equipment shipbilding	623.86	
Shelley, P. B. Eng. poetry	821.77		fever diseases	616.922	
Shells			heating	623.85	
armor piercing ordnance	623.4518		life hygiene	613.68	
elongated " "	623.4513		lighting	623.85	
paleontology	564		outfit	623.86	
prehistoric archeology	571.13		propulsion mech. eng.	621.42	
projectils	623.45		railways	625.9	
zoology	594		ventilation shipbilding	623.85	
Shelter			Shipboard cookery	641.574	
domestic economy	643		Shipping		
of laboring classes			business useful arts	656	
pol. econ.	331.83		dep't manuf'g plant	621.7966	
Shelton, F: W: Am. satire	817.33		history of sociology	387	
<b>Shelving library bldgs</b>	<b>022.4</b>		laws	347.7	
Shelvs, library			Ships		
fixt lib. bldgs	022.444		armoring	623.9	
for large bks, erect " "	022.445		confederate U.S. civ. war	973.757	
flat " " "	022.46		disinfection in contag. dis.	614.48	
material " " "	022.45		<b>naval architecture</b>	<b>623.8</b>	
public access " econ.	024.57		transportation	656	
round sides of room	022.42		Shipwrecks		
<b>Shemitic languages</b>	<b>492</b>		adventures	910.4	
Shenandoah			life saving methods	656	
ship U. S. civ. war	973.757				



Shipwreckt, rescue of			
protection of life	614.868		
<sup>1</sup> Shoals, Isles of	history	974.2	
	travels	917.42	
Shock			
repeated engineering	620.1125		
result of injury	617.21		
Shoemaking manufact'ng	685		
Shoes	costume	391.4	
	domestic econ.	646.46	
	elec. traction	621.3347	
Shone system sewerage wks	628.214		
Shooting			
galleries	architecture	725.89	
gunnery		623.54	
sport		799	
Shop girls	labor of women	331.4	
Shops			
engineering works		621.7	
machine	architecture	725.43	
railway	"	725.33	
Shoring			
foundations	architecture	721.12	
	bridges	624.152	
Short ballot	suffrage	324.216	
Shorthand		653	
Shortsightedness	eye dis.	617.75	
	physiology	612.8451	
Shot, case	ordnance	623.45122	
	solid	623.45111	
Shoulder	anatomy	611.971	
	blade	611.7171	
	joints	611.7272	
	muscles	611.7371	
Shovels, power	engin'g	621.865	
	steam	621.154	
Shower baths	hygiene	613.44	
Shows			
entertainments		791	
public	customs	394.2	
traveling	feeding	641.577	
Shrapnel, early		623.45113	
	modern	623.4514	
Shrimps			
fishery		639.5	
zoology		595.31	
Shriners, Mystic	masons	366.1	
<sup>1</sup> Shropshire, Eng.	history	942.45	
Shrub	adulterations	614.346	
Shrubbery	landsc. gard'ng	715	
Shrubs	botany	582	
Shuddering	physiology	612.7464	
Shuntwound	generators	621.313233	
Shunting	engins	621.13263	
Shutters	archit. const.	721.87	
Sialagogs	therapeutics	615.741	
<sup>1</sup> Siam	history	959.3	
	Lower "	959.5	
Siamese			
architecture		722.4	
language		494	
twins	deformities	617.35	
	nat. hist. of man	573.9	
<sup>1</sup> Siberia	history	957	
Sibylline books	magic	133.3	
Sibyls	divination	133.3	
Sicilian Norman	architec.	723.45	
Sicily	ancient history	937.8	
	modern "	945.8	
Sick			
food for	hygiene	613.23	
hedake	diseases	616.857	
hospitals for		362.1	
	architec.	725.51	
leave	lib. economy	023.67	
	military life	355.11	
ministry of	sacraments	265.8	
parish care of		258	
room	dom. economy	649.8	
Sickness			
insurance	pol. econ.	331.25	
pensions	" "	331.25	
Side arms, military		623.444	
Sidereal			
clock and chronometer		522.51	
day	chronology	529.1	
month	astronomy	523.33	
	chronology	529.2	
Sidewalks			
local government		352.7	
moving	mech. engin'g	621.8675	
pavements	road "	625.88	
Sidings	railway engin'g	625.16	
Sidney, P.	English poetry	821.32	
Siege			
artillery	mil. engin'g	623.415	
guns	gunnery	623.552	
mounts	ordnance	623.432	
operations	mil. eng.	623.2	
state of	pol. sci.	323.92	
warfare	mil. science	355.44	
<sup>1</sup> Sierra co. Cal.	hist	979.436	
	Leone "	966.4	
Sieves	prac. chem.	542.22	
Sighing	physiology	612.219	
Sight			
anatomy		611.84	
asylums for the blind		362.4	

Sight			Silver		
diseases of	<b>617.7</b>		act, Sherman U. S. hist.	973.86	
mental faculties	152.1		Voorhees "	973.87	
optics	535.7		inorganic chemistry	546.57	
physiology	<b>612.84</b>		metallurgy	669.2	
sensory functions	612.82554		mining	622.34	
Sighting			money	332.41	
apparatus gun mounts	623.4354		ores economic geol.	553.42	
attachments guns	<b>623.425</b>		plating manufacture	671	
gunnery	<b>623.55</b>		question pol. econ.	332.42	
Sigismund Ger. history	943.027		Silversmiths work fine arts	739	
Sigmoid artery anatomy	611.13652		Silverware		
flexure "	611.349		domestic economy	642.7	
mesocolon "	611.383		fine arts	739	
Sign boards advertising	659.1		manufactures	671	
language educ. of def	371.912		Simarubæ botany	583.241	
hieroglyphics	419.1		<sup>1</sup> Simcoe co. Ont. history	971.317	
painting	698		Similarity plane geom.	513.17	
Signal devices elec. eng.	621.3175		Simmering cookery	641.73	
servis meteorology	<b>551.5</b>		Simms, W. G. Am. fiction	813.35	
U. S. civ. war	973.7417		Simonides		
Signaling			of Ceos Greek lyrics	884.4	
communication	654.9		Samos " satire	887.2	
military	<b>623.73</b>		Simony canon law	348	
Signals			eccles. polity	262.9	
electric	537.88		Simple		
in navigation acoustics	534.83		state pol. sci.	321.01	
military mil. eng.	<b>623.73</b>		stationary engins	621.1646	
railway engineering	625.16		system suffrage	324.224	
telegrafic	654.9		truss bridge engin'g	624.32	
Signatures printing	655.27		<b>Simplex telegraf engin'g</b>	<b>621.38231</b>	
Signs of deth physiol.	612.0131		Sin doctrin	233.2	
pregnancy	618.22		Sinai ancient history	939.48	
Sikh religion	299.11		<sup>1</sup> " modern "	953.1	
Sileneæ botany	583.153		Sinaitic inscriptions	492.1	
<sup>1</sup> Silesia, Austria history	943.73		<sup>1</sup> Sinaloa, Mexico history	972.3	
<sup>1</sup> Prussia "	943.14		<sup>1</sup> Sind, India "	954.7	
Silhouettes	741		<sup>4</sup> Sindi language	<b>491.41</b>	
Silicates mineralogy	<b>549.6</b>		<sup>1</sup> Singapore history	959.5	
Silicon inorgan. chem.	546.28		travels	915.95	
Silius Italicus Lat. poetry	873.4		Singers, lives of	927.8	
Silk			<sup>4</sup> Singhalese language	<b>491.48</b>	
culture	638.2		Singing		
domestic economy	646.14		physiology	612.784	
dyeing chem. technol.	667.2		public worship	264.2	
manufacture	677		vocal music	<b>784</b>	
mills architecture	725.41		Single		
worm agriculture	638.2		acting engins stat'n'ry	621.1645	
zoology	595.78		structure	621.11221	
Silos agriculture	633		altitude, finding time by	529.73	
Silt lithology	552.52		course curriculum	375.0012	
Silurian age geology	<b>551.73</b>		curvd lines descr. geom.	515.12	
Silver			surface " "	515.14	
act, Bland U. S. hist.	973.83		expansion engins	621.11261	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Single			Skepticism	
fluid cells engineering	621.3533		heresies	273.8
member constituency	324.221		natural theology	211
phase electric mach.	621.313321		philosofic systems	149.7
standard coinage	332.42		philosofy	186.1
tax	336.22		Skeptics biography	922.91
vote suffrage	324.223		Sketching drawing	741
Sinking fund finance	336.33		Skew arches architecture	721.42
Sintuism	299.5		bevelgears engin'g	621.8332
Sinus surgery	617.23		Skiing sports	796
pocularis anat.	611.6231		Skild labor pol. econ.	331.7
<sup>1</sup> Sioux City, Ia. history	977.7411		Skill, games of amusm'ts	794
<sup>1</sup> co. Ia. "	977.713		ethics	175.4
Siphonophora zoology	593.72		Skin	
Siphons prac. chem.	542.66		absorption	612.384
Sirenia mammals	599.5		admin. of medicin by	615.67
Sirocco meteorology	551.51		anatomy	611.77
<sup>1</sup> Siskiyou co. Cal. hist.	979.421		diagnosis pathology	616.073
Sisterhoods parochial work	255		diseases "	616.5
relig. orders	271.9		dressing taxidermy	579.4
Sisters of Charity	271.91		fertilizers agriculture	631.843
Mercy	271.92		function physiology	612.79
Site			grafting	617.47
dwellings dom. econ.	643.1		loss of heat	
library bildings	022.1		by evaporation	612.524
school bildings	371.61		radiation	612.521
Sittingroom furnishings	645.65		Skirmishing mil. science	355.42
<sup>1</sup> Sivas Asia Turkish hist.	956.5		Skull anatomy	611.91
Sivs prac. chem.	542.22		bones	611.714
Sixth nerv			craniology	573.7
anatomy	611.8316		<sup>1</sup> Skye, Scotland history	941.17
eye	612.8466		Skylights lib. bldgs	022.72
nucleus	611.8175		Slags	
physiology	612.8196		fertilizers agriculture	631.853
Size notation for books	025.3		metallurgy	669.8
of college	378.15		Slander ethics	177.3
sewers	628.22		Slang college	378.014
Sizes			<sup>3</sup> English language	427
of books lib. econ.	025.8		<sup>3</sup> modern Eng. lan.	427.09
publishing	655.53		Slate roofing bilding	695.2
standard literary meth.	029.1		Slater fund education	373.75
type printing	655.24		Slates bilding stones	553.54
Sjöberg, Erik Swed. satire	839.7762		lithology	552.44
Skating	796		Slating bilding	695
rinks architecture	725.86		Slaughter	
Skeeking sports	796		houses air pollution	614.741
Skeleton			indust. sanit.	628.549
human	611.71		mt. Va. U. S. civil war	973.7328
leaves fancy work	746		Slaughtering	
of animals comp. anat.	591.49		industry	664.9
descrip. "	591.79		method of animal hyg.	614.97
Skeletons, preparation of	579.1		Slave	
Skelton, J: English poetry	821.22		holding slavery	326
			labor polit. econ.	331.58

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Slave				Small			
law, fugitiv	slavery	326.973		arms	care of	623.4814	
trade	"	326.1		manufacture		683	
<b>Slavery</b>		<b>326</b>		mil. efficiency		<b>623.44</b>	
abolition of, U. S. history		973.714		fruits	agriculture	634.7	
American		326.973		intestin	<b>anatomy</b>	<b>611.341</b>	
causes of U. S. civil war		973.7111		numbers	entertaining	642.42	
constitut. amendment		342.73		pox	diseases	616.912	
U. S. hist.		973.81		inoculation		614.471	
defences of		326.7		public helth		614.521	
emancipat'n proclamat'n		973.714		vs large college		378.15	
Slaves	biografy	326.92		<b>Smell</b>	<b>anatomy</b>	<b>611.86</b>	
fugitiv	U. S. civil war	973.7115		physiology		<b>612.86</b>	
Slavic				senses		152.3	
languages		491.8		sensory functions		612.82556	
literatures		891.8		Smelting	metallurgy	669.8	
philosofers		197		Smith, H.	Danish misc.	839.8825	
biografy		921.7		S.	English essays	824.72	
<sup>1</sup> Slavonia	history	943.93		Smith college	educ.	376.8	
<sup>4</sup> Slavonic church language		491.81		<sup>1</sup> Smithfield, W. Va.	hist.	975.418	
Sleep				Smithsonian			
and rest	hygiene	613.79		exchanges	lib. econ.	021.852	
of plants	botany	581.54		institution		506	
physiology		612.8217		Smoke			
walking		135		air pollution		614.71	
Sleeping				box	locomotivs	621.1334	
balconies	furnishings	645.8		flues	heating	697.8	
location		643.57		nuisance	sanitation	<b>628.53</b>	
sickness		616.9681		stack	locomotivs	621.1334	
Sleight of hand		791		stacks	steam eng'ng	621.1838	
Slide rule	math. instrum.	510.8		Smoking	ethics	178.7	
Slides				food preservation		641.4	
gun mounts		623.4352		hygiene		613.84	
mounting of	microscopy	578.6		jackets		646.47	
Sliding				Smollett, T. G.:	Eng. fic.	823.63	
friction	mechanics	531.44		<b>Smooth muscles</b>	physiol.	<b>612.73</b>	
scale	wages	<b>331.22</b>		Smuggling	criminal law	343	
shelvs	lib. storage	022.46		Smut	agriculture	632	
<sup>1</sup> Sligo, Ireland	history	941.72		fungi		589.227	
Slime treatment	ore dres.	622.76		<sup>1</sup> Smyrna, Asia	history	956.2	
Sloan	shorthand	653.38		travels		915.62	
Slöjd	education	371.422		Snails	culture	639.4	
Sloth	ethics	179.8		Snakes		598.12	
☞loths	mammalia	599.3		Sneezing	physiology	612.219	
Slotters	machine tools	621.912		therapeutics		615.726	
<sup>4</sup> Slovakian language		491.87		Snoring	physiology	612.219	
<sup>4</sup> Slovenian	"	491.84		Snow			
'old	"	491.81		meteorology		551.57	
Slow cookers		643.338		sheds	railroad engin'g	625.13	
Sloyd	education	371.422		Snowshoeing	sports	796	
Slugs	zoology	594.3		<sup>1</sup> Snyder co. Pa.	history	974.849	
Sluice gate wheels		621.224		travels		917.4849	
Sluices	engineering	621.29		Soap			
				laundry	dom. econ.	648.18	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Soap			<b>Sociology</b>	<b>300</b>
making	air pollution	614.744	biography of	<b>923</b>
	chemic technol.	668.1	Socrates	Gk philosophy 183.2
Soapstones	econom. geol.	553.55	Socratic	philosophy 183.3
Soaring	aeronautics	629.142	Soda	chemic technology 661.3
Sociability	animals	591.55	water	adultera. 614.348
Social			chem. tech.	663.6
clubs		367	Sodalities	parish work 256
<b>customs and manners</b>		<b>394</b>	Sodium	inorganic chem. 546.33
bad hygiene		613.87	salts	physiology 612.39261
democracy	socialism	335.5	Soeurs de bon Secours	
distinctions	ethics	177.5	sisterhoods	271.94
rank		929.7	<sup>1</sup> Sofala, Africa	history 968.1
drinking	temperance	178.3	Soft commissure	anat. 611.8144
ethics		177	drinks	recipes 641.87
evil		176.5	Sogdiana	ancient hist. 939.61
obligations	ethics	177.8	Soil	
science		300	conditions affecting helth	<b>614.77</b>
theories	pol. sci.	320.153	disinfection, in contag. dis.	614.48
worship		264.7	foundations	architecture 721.11
<b>Socialism</b>		<b>335</b>	bridge	624.151
Socialistic communities	U. S.	335.973	Soils	agriculture 631
Societies		300	chemic analysis	543.7
Amer. hereditary		369.1	Solanaceæ	botany 583.79
patriotic		369.1	<sup>1</sup> Solano co. Cal.	hist. 979.452
debating		374.24	Solar	
dress reform		646.06	day	chronology 529.1
for home study		374.43	engines	engineering 621.47
parish work		256	observation	astron. instr. 522.56
general		060	parallax, transit of Venus	<b>523.92</b>
learned, bildings for		727.9	physics	<b>523.7</b>
library		020.6	plexus	anatomy 611.83931
rooms for lib. bldgs		022.614	spectrum	astronomy 523.77
secret		366	system	descrip. astron. 523.2
bildings	arch.	728.4	year	chronology 529.2
college		371.85	Solariums	dom. econ. 643.57
<sup>2</sup> special see subject			Soldiers	
Society			cemeteries, national	719
ethics		177	food for	hygiene 613.21
for ethical culture		170.6	homes	architecture 725.59
houses	student life	371.86	institutions	362.8
<sup>1</sup> ilands	history	996.2	lives	biography <b>923.5</b>
libraries	lib. econ.	027.2	military science	<b>355</b>
of American wars		369.118	orphan schools	362.7
army & navy of the Gulf		369.156	suffrage limitations	324.171
Christian endeavor		267.613	voting by	pol. sci. 324.162
Jesus	monastic ord.	271.5	Sole	fishes 597.5
2d war with Gt Brit.		369.144	Soleus muscle	anatomy 611.73854
the army of Santiago		369.182	Sol-fa method	music 784.9
the Cincinnati		369.131	Solid	
songs	music	784.6	beams	bridge engin'g 624.22
Socinians	heresies	273.4	fuels	steam engin'g 621.18222
unitarians		288	state	chemistry 541.31

Solidification	heat	536.43	Sons of		
	prac. chem.	542.65	the Amer. revolution	369.133	
Solids			revolution	369.134	
<b>geometry</b>		<b>513.3</b>	veterans, U. S. army, soc.	369.165	
properties of	physics	539.2	Sophist philosophy	183.1	
skin penetration by		612.7911	Sophocles	Greek drama	882.2
Solitary			<b>‘Sorbian language</b>	<b>491.88</b>	
confinement	punishm'ts	343.2	Sorcery		133.4
glands	anatomy	611.3445	Sore throat	diseases	616.31
study	self education	374.1	Sores	surgery	617.24
vice	ethics	176.4	Sorghum	agriculture	633
Solitude		177.8		manufacture	664.1
<sup>1</sup> Solomon islands	history	993.5	Sorterup, Jørgen	Dan.poet.	839.8141
Solomon, Song of Bible		223.9	<b>Soteriology</b>	doct. theol.	<b>234</b>
Solos	vocal music	784.81	<b>hygiene</b>		<b>613</b>
Solubility	theoretic chem.	541.34	Soto, H. de	discov. of Am.	973.16
Solution			<sup>1</sup> Soudan, Africa	history	966.2
chemic		542.61	Egypt	"	962.6
of plane triangles	trigo.	514.5	Soul		
spheric	"	514.7	in animals		591.51
trigonometric equations		514.4	metaphysics		128
Solutions	quantitativ anal.	545.6	<b>origin metaphysics</b>		<b>129</b>
skin absorption		612.7913	theories	physiology	612.0134
Solvents	prac. chem.	542.61	<sup>1</sup> Soulanges co. Que.	hist.	971.4265
<sup>1</sup> Somali, Africa	history	967.7	Soumet, A.	French drama	842.71
<b>Somatology</b>	<b>anthropology</b>	<b>573</b>	Sound		
Somatopleure	embryology	611.01364	mesology		612.01445
<sup>1</sup> Somerset co. Eng.	history	942.38	<b>physics</b>		<b>534</b>
travels		914.238	sensitivity to	physiol.	612.85876
<sup>1</sup> Me.	history	974.12	Sounders, telegraf	eng.	621.3833
<sup>1</sup> Md.	"	975.223	Sounding		
<sup>1</sup> N. J.	"	974.944	machines	ship outfit.	623.86
<sup>1</sup> Pa.	"	974.879	Soundings	marine survey.	526.09
<sup>1</sup> Somme, France	"	944.26	physical geog.		551.46
Sommelier ram	hyd. engines	621.274	Sound-producing organs		
Somnambulism		135	compar. physiology		612.786
Somnambulists' lives		920.9	zoology		591.77
Sonata	organ music	786.81	Sounds		
piano	"	786.41	muscular	physiol.	612.7418
Song			of hart	"	612.1715
festivals	music	784.5	respiratory	"	612.2161
of Solomon	Bible	223.9	systems of	fonology	414
the three children	Bible	229.5	Soup	cookery	641.73
Songbooks	folklore	398.8	physiol. of nutrition		612.39282
<b>Songs</b>		<b>784</b>	Sources of		
<sup>5</sup> and ballads	Eng. lit.	821.04	<b>animal heat</b>	physiology	<b>612.51</b>
music		784.3	South		
for female voices		784.88	<sup>1</sup> Africa	history	968
male	"	784.87	America	description	918
kindergarten methods		372.215	eccles. history		278
with music		784	geology		558
<sup>5</sup> Sonnets	Eng. literature	821	<sup>1</sup> history		980
<sup>1</sup> Sonoma co. Cal.	hist.	979.418	statistics		318
<sup>1</sup> Sonora, Mexico	"	972.1	American languages		498

South			Spain	
<b>American travels</b>	<b>918</b>		Arabs in history	946.02
<sup>1</sup> <b>Atlantic states history</b>	<b>975</b>		<b>architecture</b>	<b>720.946</b>
<sup>1</sup> Australia, "	994.2		<b>botany</b>	<b>581.946</b>
<sup>1</sup> Bend, Ind. "	977.289		<b>finance</b>	<b>336.46</b>
travels	917.7289		<b>geology</b>	<b>554.6</b>
Carolina; U. S.			<sup>1</sup> <b>history</b>	<b>946</b>
<sup>1</sup> history	975.7		<b>maps</b>	<b>912.46</b>
secession U. S. hist.	973.713		<b>peerage</b>	<b>929.76</b>
For military history, see sub-			<b>schools</b>	<b>379.46</b>
divisions of Special campaigns and			<b>statistics</b>	<b>314.6</b>
Military history under	973.3.		<b>travel</b>	<b>914.6</b>
973.52, 973.7 and 973.89			treaties	341.246
<sup>1</sup> <b>Central states Am. hist.</b>	<b>976</b>		treaty with U. S. hist.	973.43
travels	917.6		<b>war</b> " "	<b>973.89</b>
Dakota U. S.			other topics see table 1	
admission U. S. hist.	973.86		Spanish	
<sup>1</sup> history	978.3		<sup>1</sup> <b>America history</b>	<b>972</b>
military hist. Span. war	973.89483		<b>travels</b>	<b>917.2</b>
U. S. civ. war	973.7483		American war, naval	
travels	917.83		and military order of	369.183
Mt. Md. battle	973.7336		<b>architecture, Romanesque</b>	<b>723.46</b>
<sup>1</sup> <b>Russia history</b>	<b>947.7</b>		armada Eng. history	942.055
travels	914.77		Span. "	946.04
<sup>1</sup> <b>Sea islands history</b>	<b>996</b>		art	709.46
travels	919.6		Austrian ascendancy	
scheme stocks	332.6		Ital. history	945.07
<sup>1</sup> <b>U. S. history</b>	<b>975</b>		discovery of America	973.16
For military history of the south			inquisition persecutions	272.2
or its individual states, see sub-			<sup>s</sup> <b>language</b>	<b>460</b>
divisions of Special campaigns and			<b>literature</b>	<b>860</b>
Military history under	973.3,		misrule in Cuba U.S. hist.	973.891
973.52 and 973.7			philosofers biograpy	921.6
Southern			philosofy	196
army life U. S. civ. war	973.784		rule Mexican history	972.02
Atlantic ocean	551.464		succession, war of	
home life U. S. civ. war	973.784		U. S. history	973.25
<sup>1</sup> <b>Maryland history</b>	<b>975.24</b>		<b>war</b> " "	<b>973.89</b>
prisons	973.771		veterans, soc. of	369.181
<b>states, U. S. Amer. revol.</b>	<b>973.345</b>		Spar economic geology	553.66
<sup>1</sup> history	<b>975</b>		Spars shipbilding	623.85
Southerne, T: Eng. dram.	822.52		Spark	
Southey, R. " poet.	821.73		arresters locomotivs	621.1334
Souvestre, É. Fr. fiction	843.75		induction electricity	537.52
<sup>1</sup> <b>Southwest U. S. history</b>	<b>978</b>		telegrafy	621.38421
travels	917.8		Sparring amusements	796
Soveren			Sparrs agriculture	632
state political science	321.01		zoology	598.8
<b>Soverens biograpy</b>	<b>923.1</b>		Sparta ancient history	938.9
Soverenty pol. science	320.157		Spartan supremacy Gk hist.	938.06
Space astronomy	523.14		Spas, bildings for architec.	725.75
metaphysics	114		hygiene	613.12
sense physiology	612.881		Speakers legis. bodies	328.3621
Spades, trail ordnance	623.43565		oratory	808.5
Spadicifloræ botany	584.6			
Spain				
<b>administration</b>	<b>354.46</b>			
<b>antiquities</b>	<b>913.46</b>			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Speaking tubes	communi.	654.8		Speech	
	lib. econ.	022.947		impediments of	612.78
Special				organs of	acoustics 534.7
bills	legislation	328.376		human anat.	611.2
committees	legislation	328.3627		<b>philology</b>	400
days	school methods	371.365		phonology	414
legislation	pol. sci.	328.243		<b>physiology</b>	612.78
material	lib. acquis.	025.29		visible	compar. philol. 414
	<b>admin.</b>	025.17		<sup>5</sup> Speeches	English oratory 825
nationalities,	schools for	371.98		Speed	
procedure	legislation	328.379		logs	shipbuilding 623.86
<b>ranks</b>	education of	371.96		of trains	railwy engin'g 625.26
schools	gymnastics in	371.7325		ship design	623.81
	man. train'g in	371.424		shorthand	653.03
sessions	legislative bodies	328.358		Spegel, Haquin	Swed. poet. 839.7133
<b>types</b>	education of	371.97		Spelin	universal lang. 408.9
Specialization of	libraries	025.212		Spelling	
Specie				<sup>3</sup> books	Eng. lang. 428.1
circular	U. S. history	973.56		<sup>3</sup> phonetic	" " 421.4
payment	banking	332.4		<sup>3</sup> reform	" " 421.4
	U. S. history	973.83		Spencer, Herbert	" philos. 192.8
Species, origin of		575.8		<sup>1</sup> Spencer co. Ind.	history 977.231
Specific				Spenser, E.	Eng. poetry 821.31
customs	taxation	336.26		Sperm cells	development 591.171
gravity	chemistry	542.33		<b>embryology</b>	611.01311
	liquids	phys. 532.4		<b>physiology</b>	612.616
	physics	531.54		Spermatic	
Specifications for	buildings	692.3		artery	anatomy 611.1368
<b>Specifics</b>	therapeutics	615		cord	" 611.639
Specimen books	printing	655.24			diseases of 616.68
Specimens				nervs	anatomy 611.8393
<b>arrangement in museums</b>		579.7		secretions	phys. zool. 591.146
mounting of		579.5		vein	anatomy 611.1466
<b>preservation in museums</b>		579.8		Spermatogenesis	embryol. 611.01312
Spectacles				Spermatorrhoea	diseases 616.69
disorders of	vision	617.75		Speroni, Sperone	It. dram. 852.41
optics		535.86		Speusippus	Greek philos. 184.2
Specters		133.1		Sphagna	botany 588.1
Spectroscope	optics	535.84		Sphenoid bone	anatomy 611.7152
Spectroscopy				Sphenopalatin	
astronomy		522.67		arteries	anatomy 611.133281
of blood	physiology	612.11115		ganglion	" 611.89154
urin	"	612.461175		Spheres	
Spectrum				of influence	pol. sci. 321.027
analysis	chemistry	544.6		perspectiv	math. 515.65
	optics	535.84		strength	engin'g 620.11284
	qualitative anal.	544.6		Spheric	
of comets	astronomy	523.67		<b>astronomy</b>	522.7
meteors	"	523.57		coordinates	astronomy 522.71
moon	"	523.37		excess	triangulation 526.41
stars	"	523.87		geometry	513.41
sun	"	523.77		projections	descr. geom. 515.5
Speculation	banks	332.6		shells	ordnance 623.45113
	ethics	174.5		trigonometry	514.6

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Spheric  
 trigonometry  
   computing triangulat'n 526.44  
 Spheroconics anal. geom. 516.58  
   mod. " 513.58  
 Spheroidal trigonometry  
   computing triangulation 526.45  
 Sphincter muscle of eyelid 611.7325  
 Sphinx Egyptian mythol. 299.31  
 Sphygmograf diagnosis 616.071  
   physiology 612.161  
 Sphygmomanometry " 612.1611  
<sup>1</sup>Spice islands history 991.3  
 Spices adulterations 614.314  
   chemic technol. 664.5  
 Spiders zoology 595.4  
 Spielhagen, F; Ger. fiction 833.84  
 Spies **American revolution** 973.385  
   international law 341.3  
   U. S. civil war 973.785  
 Spikes railway engin'g 625.15  
 Spina bifida surgery 617.32  
 Spinal  
   accessory nerv anatomy 611.83192  
     larynx 612.7821  
     physiol. 612.81992  
   canal anatomy 611.828  
   colum " 611.711  
   cord  
     action on blood vessels 612.1813  
     anatomy 611.82  
     functional diseases of 616.84  
     physiology 612.83  
     structural dis. of 616.83  
   curvature diseases 616.73  
   membranes anatomy 611.829  
   nervs " 611.832  
     ganglions of " 611.892  
   poisons therapeutics 615.97  
   veins anatomy 611.1457  
 Spinalis dorsi " 611.7315  
 Spindles stone age 571.26  
 Spine, curvature of dis. 616.73  
 Spinning manufactures 677  
 Spino-  
   costal muscles anat. 611.7312  
   dorsal " " 611.7313  
   humeral " " 611.7311  
 Spinoza German philos. 193.9  
   pantheism 147  
 Spiral ganglion anatomy 611.89181  
   gears mech. engin'g 621.8333  
 Spirals anal. geometry 516.26  
 Spires  
   architectural construction 721.57  
   Spires  
     architectural design 729.35  
 Spirit doctrinal theol. 233.5  
   leveling, geodesy 526.36  
 Spiritism 133.9  
 Spiritual  
   body doctrinal theol. 233.5  
   heredity " " 233.3  
   ment. charac. 136.3  
   metaphysics 129.2  
 Spiritualism  
   metaphysics 111  
   modern 133.9  
   sects 289.9  
 Spirituous liquors  
   **chemic technology** 663  
   **temperance** 178  
<sup>1</sup>Spitzenberg history 998  
   travels 919.8  
 Spitzka's tract anatomy 611.8255  
 Splanchnopleure embryol. 611.01365  
 Spleen **anatomy** 611.41  
   diseases of 616.41  
   **physiology** 612.41  
 Splenic  
   artery anatomy 611.13642  
   fever diseases 616.956  
   nervs anatomy 611.8393  
   vein " 611.1494  
 Splenius muscle " 611.7314  
 Splenotomy physiology 612.412  
   surgery 617.44  
 Splints surgery 617.92  
 Splügen pass Alps 914.94  
 Spoils system civ. servis 351.6  
 Sponges histology 611.01843  
 Sponges fossils 563.4  
   zoology 593.4  
 Spontaneity metaphysics 127  
 Spontaneous  
   combustion chemistry 541.36  
   generation biology 576.1  
   physiology 612.601  
 Sporadic cholera diseases 616.933  
 Sports, outdoor 796  
   parlor 793  
 Spots on the sun 523.74  
 Spotted fever diseases 616.925  
 Spottsylvania C. H. Va.  
   U. S. civil war 973.7367  
 Sprague, C: Am. poetry 811.28  
 Sprains surgery 617.17  
 Spring tides 525.63  
<sup>1</sup>Springfield, Ill. history 977.356  
<sup>1</sup> Mo. " 977.8781

Springfield, N. J. Am.rev.	973.3365	Staff	
<sup>1</sup> O. history	977.1491	military science	355.33
Springs		music	781.2
bearing railway engin'g	625.21	<sup>1</sup> Stafford, England history	942.46
hot physc. geology	551.23	Stage	
<b>mineral economic geol.</b>	<b>553.7</b>	*coach transportation	656
physical geografy	551.49	ethics	175.2
strength of materials	620.11285	theater	792
waterworks	628.11	Stagnelius, E. J. Swed.poet.	839.7164
Springtails zoology	595.71	Stained glass	
Sprinkling of streets		decoration	748
sanitation of towns	628.46	<b>design architecture</b>	<b>729.8</b>
Spur gears mech. engin'g	621.8331	library decoration	022.348
Squabs poultry	636.5	sacred ornaments	247.4
Squadron		school decoration	371.636
Atlantic U. S. civ. war	973.756	Staining	
Span. "	973.895	chemic technology	667.6
Gulf civ. war	973.756	reactions of urin	612.461174
military science	355.31	substances, physiol. chem.	612.0154
naval "	359	Stair furnishing dom. econ.	645.61
Squadrons, confederate		Stairbilding bilding	694.8
U. S. civil war	973.757	stereotomy	515.83
Squalides fishes	597.3	Stairs architectur. design	729.39
Squares		moving mech. eng.	621.8676
least geodesy	526.5	Stalactites and stalagmites	551.92
probabilities	519.8	Stammering	616.87
magic arithmetic	511.61	Stamp	
tables of	510.8	accession lib. economy	025.244
Squaring the circle geom.	513.21	act English history	942.073
Squatter soverenty		U. S. "	973.3111
constitutional history	342.73	collecting	383
slavery	326.973	embossing lib. economy	025.252
U. S. history	973.64	laws finance	336.27
Squids zoology	594.5	perforating lib. economy	025.252
Squinting eye diseases	617.76	Stamped leather bilding	698.8
Staatenbund pol. sci.	321.022	Stamping	
Stability		books, etc. lib. econ.	025.252
aviation	629.186	designs fancywork	746
ship design	623.81	machines, hydraulic	621.266
Stable manure air pollut.	614.761	Stamps	
Stables		electric machinery	621.318
agriculture	636	postage postoffis	383
air pollution	614.761	practical printing	655.35
architecture, private	728.94	Stampt leather bilding	698.8
public	725.38	Standard	
Stackhousieæ botany	583.274	library lib. economy	022.54
Stacks		sizes literary methods	029.1
elec. lighted lib. bldg	022.77	solutions volumet. anal.	545.6
<b>library economy</b>	<b>022.43</b>	time	529.75
Stadia surveying	526.91	Standards	
Staël Holstein, A.L.G. Fr.fic.	843.62	library lighting fixtures	022.764
Staff		<b>of admission schools</b>	<b>371.21</b>
heds library economy	023.72	living laboring classes	331.83
<b>library economy</b>	<b>023.5</b>		

Standing			State		
army		355.35	council	Ger. gov't	354.4308
committees	legis. bod.	328.3627	dep't	U. S. "	353.1
Standpipes	waterworks	628.12	dets	finance	336.3
Stanhope, P. D.	Eng. letters	826.52	education		379
<sup>1</sup> Stanislaus co. Cal.	hist.	979.457	ethics		172
<sup>1</sup> Stanstead co. Que.	"	971.467	governments		353.9
Stanwix, Fort Am.	revol.	973.3334	labor wages		331.262
Stapedius muscle		611.857	laboratories	adulterat.	614.3
Stapes	anatomy of ear	611.857	law reports	U. S.	345.42
Star			libraries		027.5
apple family	fruits	634.43	medicin		614
catalogs	astron. observ.	524.8	ministries of	architec.	725.12
	descrip. astron.	523.89	monopolies		336.19
chamber	Eng. history	942.05	ownership of land		333.1
clusters		523.85	political science		320
connections	elec. eng.	621.3191333	prisons	architecture	725.61
drift		523.83	properties	finance	336.1
fish	fossils	563.92	representation	legis. bod.	328.3341
	zoology	593.92	rights	U. S. const. law	342.73
shells	mil. engin'g	623.45446	socialism		335.6
Starch			supervision of	libraries	021.81
adulterations		614.312		schools	379.15
chemistry of food		641.13	trials	criminal law	343.1
composition	physiology	612.396111	universities		378
gastric digestion	"	612.3221		state educat.	379.16
laundry supplies		648.18	Statecraft		320.2
manufacture		664.2	<sup>1</sup> Staten Island, N. Y.	hist.	974.726
protectiv external agents		615.776	States		
tryptic digestion		612.3421	general	Fr. legislature	328.449
vegetable drugs		615.331	German government		354.4307
Starching	laundry process	648.25	of the Church, Italy	hist.	945.6
Starchy foods	physiology	612.39273	<sup>1</sup> of the Church, Italy	hist.	945.6
<sup>1</sup> Stark co. Ill.	history	977.351	States' rights		
<sup>1</sup> O.	"	977.162	causes of U. S. civil war		973.7117
<sup>1</sup> Starke co. Ind.	"	977.292	constitutional law		342.73
Stars	descriptiv astronomy	523.8	Statesmanship	polit. sci.	320.2
Starting			Statesmen	biografy	923.2
apparatus	aviation	629.187	Static electricity		537.2
Starvation	dietetic diseases	616.39	cell physiol.		612.0144212
hygiene		613.24	Statics		531.2
State			chemic		541.39
aid to libraries		021.831	Stationary		
and church	church	261.7	boilers	engineering	621.18424
	pol. science	322	engins		621.16
	state ethics	172.3	induction apparatus	eng.	621.314
individual	pol. sci.	323.4	Stationery		
social groups	"	323.3	library correspondence		025.151
wages	political econ.	331.26	printing		025.121
as moral agent	pol. sci.	320.154	paper manufacture		676
banks		332.12	Stations		
capitols	architecture	725.11	central	elec. engineering	621.312
control of cities	adminis.	352.002	fire alarm	architecture	725.19
council	French gov't	354.4405	police	"	725.18
			railway passenger	"	725.31

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Statistical			Steam	
methods	311		shovels portable engines	621.154
theory of wages	331.211		threshers " "	621.156
Statistics	310		transmission engin'g	621.185
labor	331		transportation, useful arts	656
library administration	025.123		turbins engineering	621.165
see also special subjects			marine	621.123
Status, P. P. Lat. poetry	873.5		vessels shipbiling	623.823
Statuary dom. economy	645.5		Steamboat inspection	614.864
sculpture	730		Steaming cookery	641.75
Stature			Steapsin tryptic digest.	612.3423
influence on respiration	612.2291		Stearin organ. chem.	547.7
Status			Stearns duplex telegraf	621.382322
professional, of teachers	371.15		Steatoses, hepatic physiol.	612.3541
public " "	371.104		Stedman, E. C. Am. poet.	811.43
social " "	371.105		Steel	
Statute law American	345		bilding material	691.7
British	346		bildings, library	022.21
Stays, locomotiv boiler	621.1332		bridges, archt	624.67
Steam			engraving	762
baths prac. chemistry	542.46		manufactures	672
boiler inspection eng.	621.1947		metallurgy	669.1
prot. of life	614.837		piers and colums arch.	721.35
boilers engineering	621.18		ships	623.84
collectors engineering	621.18479		strength of materials	620.17
cooking appliances	643.337		structures architec.	721.93
distribution	621.185		works " "	725.43
locomotivs	621.1342		engineering	621.7
dredges portable engines	621.154		Steele, R: Eng. essays	824.53
drills " "	621.154		Steeple architecture	729.35
engin mech. eng.	621.1		Steering	
physics	536.81		apparatus aviation	629.185
engineering	621.1		ballooning	629.165
engins, management of	621.195		committee legis. proced.	328.375
fitting	696.3		gear shipbiling	623.85
generation engin'g	621.18		seamanship	656
heated apparatus, cookery	641.587		Stege, H. T. Dan. drama	839.8234
kitchen	643.337		Stellar astronomy	523.8
heating bilding	697.5		Stelleridea zoology	593.93
boiler plants	621.19		Stencil decoration	747
jets mech. engin'g	621.69		Stencils prac. printing	655.35
mine ventilation	622.43		Stenografers lib. corresp.	025.152
navigation sociology	387		staff	023.761
useful arts	656		Stenografy	653
physics	536.44		Stensen, Niels Dan. misc.	839.883
pipes	696.3		Stenson's duct anatomy	611.3165
engineering	621.185		Step grates steam eng.	621.18354
plows traction engines	621.146		Stephen English history	942.024
power electric plants	621.312132		<sup>1</sup> Stephenson co. Ill. " "	977.333
plants	621.19		Stepladders lib. economy	022.941
pumps engineering	621.64		Sterculiaceæ botany	583.18
mine drainage	622.54		Stereochemistry	541.6
reapers traction engines	621.146		organic	547.2
ships naval architecture	623.8			

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Stereographic  
 projections desc. geom. 515.53
- Stereometer spec. grav. 531.54
- Stereometry gaging 511.8
- Stereopticon optics 535.86
- Stereoscopes " 535.86
- Stereotomy desc. geom. 515.8
- Stereotyping printing 655.22
- Sterility diseases 616.69  
 gynecology 618.17
- Sterilization, food preserv. 641.4  
 infant feeding 613.22
- <sup>1</sup> Sterling, Scotland history 941.36
- Sterne, L. Eng. fiction 823.62
- Sternoclavicular joints 611.7271
- Sternocleidomastoid muscle 611.7331
- Sternohyoid muscle 611.7332
- Sternothyroid muscle 611.7334
- Sternum anatomy 611.713
- Stethometry physiology 612.211
- Stethoscope diagnosis 616.074
- <sup>1</sup> Steuben co. Ind. history 977.278  
<sup>1</sup> N. Y. " 974.783
- <sup>1</sup> Steubenville, O. " 977.1691
- Stevens, Ft. D.C. U.S. hist. 973.7369
- Steward dom. economy 647.21
- Stewart, Dugald Eng. phil. 192.6
- Stewing cookery 641.74
- Sthen, H. K. Dan. drama 839.8232
- Stiftschulen diocesan sch. 377.4
- Stigmata devotional 248
- Stijl, Simon Dutch misc. 839.384
- Still births pregnancy 618.39  
 vital statistics 614.131  
 life painting 754
- Stilling's canal anat. 611.8447  
 nuclei " 611.8223
- Stills chemic technol. 668.7  
 prac. chem. 542.48
- Stillwater Amer. revol. 973.3333
- Stilts concrete arch. foundat. 721.166
- Stimulants  
 action of hygiene 613.8  
 and narcotics medicin 615.78  
 ethics of using 178  
 manufacture 663  
 of circulatory system 615.711  
 physiology 612.393
- Stimulation  
 electrophysiology 612.01442  
 nervous  
 chemic phenomena 612.814  
 electric " 612.813
- Stimulation  
 nervous  
 histologic phenomena 612.815  
 physiologic psychology 612.8211  
 thermic phenomena 612.814  
 of hart physiology 612.1722  
 muscle " 612.74162  
 reaction to psychometry 612.8211
- Stipple engraving 765
- Stirpiculture hygiene 613.94
- Stirrup bone anatomy 611.857
- Stjernhjelm, G. Swed. poet. 839.7131
- Stock  
 exchanges banks 332.6  
 jobbing 332.6  
 live agriculture 636  
 taking library econ. 025.8  
 tickers elec. engin'g 621.38251  
 yards architecture 725.27
- <sup>1</sup> Stockholm history 948.7  
 travels 914.87
- Stockings costume 391.4  
 toilet 646.42
- Stocks polit. economy 332.6
- <sup>1</sup> Stockton, Cal. hist. 979.456
- Stockwerks econ. geol. 553.17
- Stoddard, R: H: Am. poetry 811.41
- <sup>1</sup> Stoddard co. Mo. history 977.895
- Stoic philosophy 188
- Stoichiometry chemistry 541.9
- Stoke, Melis Dutch poet. 839.3114
- Stokers, mech. steam eng. 621.1836
- Stolze shorthand 653.34
- Stomach  
 administration of med. by 615.61  
 anatomy 611.33  
 diseases of 616.33  
 physiology 612.32
- Stone  
 age, early 571.1  
 late 571.2  
 and iron structures arch. 721.96  
 artificial  
 bilding materials 691.3  
 chem. tech. 666.8  
 piers and colums 721.33  
 strength engin'g 620.132  
 walls architec. 721.23  
 bilding materials 691.2  
 bildings, library 022.21  
 carving sculpture 736  
 ceilings arch. construc. 721.72  
 colums " 721.32  
 construction masonry 693.1  
<sup>1</sup> co. Mo. history 977.8794

Stone			
cutters' occupation	hyg.	613.63	
cutting masonry		693.12	
sculpture		731	
stereotomy		515.81	
diseases		616.62	
floors arch. construc.		721.62	
foundations architecture		721.1332	
fruits agriculture		634.2	
houses, city	arch.	728.31	
detacht	"	728.37	
semi "	"	728.34	
village	"	728.62	
natural bilding material		691.2	
strength		620.132	
pavements engineering		625.8	
piers arch. construc.		721.32	
quarries prehist. archeol.		571.21	
remains, neolithic		571.24	
paleolithic		571.14	
roads engineering		625.86	
walls arch. construc.		721.22	
ware manufactures		666.6	
work, bonds of masonry		693.11	
Stonehenge	Eng. antiqui.	913.42	
Stones			
bilding	econ. geol.	553.5	
ornamental	" "	553.8	
River, Tenn.	U.S. hist.	973.7337	
Stonington, Ct.			
U. S. war of 1812		973.5236	
Stony Point	Am. revol.	973.3354	
Stoping	mining engin'g	622.27	
Stoppage of wages		331.1	
Stoppers	prac. chem.	542.25	
Stopping teeth	dentistry	617.67	
Storage			
batteries	elec. eng.	621.354	
buildings	architecture	725.3	
cold	"	725.35	
of electricity	engin'g	621.35	
science		537.84	
explosivs, prot. of life		614.831	
noxious materials			
air pollution		614.75	
rooms	lib. econ.	022.4	
safe deposit	architec.	725.35	
Store			
and apartment bildings		725.22	
orders	wages	331.235	
ships	shipbilding	623.826	
Storehouse, library as		021.1	
Storehouses	mfg plant	621.796	
R. R.	archi.	725.33	
Storeroom	dom. econ.	643.37	
Stores			
care and cleaning		647.9621	
cooperativ	pol. econ.	334.5	
department		658	
retail	architecture	725.21	
wholesale	"	725.21	
<sup>5</sup> Stories	English fiction	823	
kindergarten		372.214	
Storm, Edvard	Dan. poet.	839.8154	
<sup>1</sup> Stormont co. Ont.	history	971.375	
Storms			
electric		538.7	
meteorology		551.55	
wind	meteorology	551.51	
Story, Isaac	Am. satire	817.21	
<sup>1</sup> Story co. Ia.	history	977.7546	
Story of Susanna	Bible	229.6	
Stoves			
heating	bilding	697.2	
kitchen equipment		643.33	
manufactures		672	
Stowe, Mrs H. B.			
Amer. fiction		813.37	
Strabismus	eye diseases	617.76	
physiol.		612.8468	
<sup>1</sup> Strafford co. N. H.	hist.	974.25	
Straight lines	descr. geom.	515.11	
Straightening tools		621.983	
Strain, effects of diseases		616.983	
Strains	bridge engin'g	624.17	
<sup>1</sup> Strasburg	history	943.44	
travels		914.344	
Strategy		355.4	
Stratification	geology	551.81	
Stratified ore deposits	geol.	553.14	
Stratigrafic geology		551.7	
Strato	Greek philosofy	185.4	
Straw	dom. economy	646.185	
Strawberries	agriculture	634.7	
Streams			
pollution	factory waste	628.541	
sewage		628.39	
<sup>1</sup> Streator, Ill.	history	977.327	
Street			
car stations	architec.	725.317	
cleaning		628.46	
railways	engineering	625.6	
management		656	
pol. econ.		388	
sprinkling		628.46	
Streets			
engineering		625.7	
laying out of, hygiene		614.781	

Streets		Studios, art architecture	727.7
local administration	352.7	Study	
trees in san. engin'g	628.48	clubs, relation to library	021.41
Strength of		self education	374.21
guns mil. engin'g	623.51	furniture home	645.64
materials engineering	620.11	offis	651
molec. phys.	539.4	rooms library economy	022.52
Strengthend beams carpen.	694.3	school architect.	727.1
Stresses		equip.	371.621
bridge engineering	624.17	self culture	374
strength of materials	620.11246	of special topics see subj.	
Stria corneæ anatomy	611.81325	Sturgeons fishes	597.4
terminalis "	611.81325	Stuttering	616.87
Striae acusticae "	611.81778	<sup>1</sup> Stuttgart history	943.47
Striate body "	611.8132	travels	914.347
Stricker, der Ger. satire	837.21	Styes, hog air pollution	614.762
Stricture of rectum dis.	616.35	Style costume	390
Strike geology	551.85	dom. econ.	646
Strikes political-economy	331.89	library bildings	022.341
Stringd instruments	787	literary rhetoric	808
Strinnholm, A. M.	839.7862	Styles of type printing	655.24
Striped muscles physiol.	612.74	Stylidieæ botany	583.57
Strontium inorg. chem.	546.42	Stylohyoid muscle	611.7344
<sup>3</sup> Strophe Eng. prosody	426.7	Styraceæ botany	583.686
Strowger telephone system	621.38576	<sup>1</sup> Styria, Austria history	943.65
Structural		<sup>1</sup> Suabia, Germany hist.	943.37
botany	581	Subaqueous	
diseases of brain and cord	616.83	foundations arch.	721.17
geology	551.8	bridges	624.157
Structure		Subarachnoid region	611.8194
formulae chemistry	541.6	Subclavian arteries	611.134
molecular physics	539.1	glands	611.4638
of the universe astron.	523.11	muscle	611.7353
Structures		veins	611.1454
composit architect.	721.94	Subcontract	
iron "	721.9	labor and wages	331.236
Strychnia spinal poisons	615.97	Subcostal arteries	611.1354
Strychnin nervous excit.	615.785	muscle	611.7357
Stuarts English history	942.06	Subcrureus muscle	611.738225
Irish history	941.56	Subcutaneous	
Stub, Ambrosius Dan. lit.	839.8145	injections	615.63
Stucco		tissue admin. of med.	615.63
external masonry	693.61	anatomy	611.779
village houses architect.	728.64	Subiculum cornu ammonis	611.81314
Student life and customs	371.8	Subintestinal vein	611.143
self government	371.59	Subject	
Students		bibliographies	016
biografy	923.7	catalogs bibliografy	017
college expenses	378.38	library admin.	025.3
in U. S. civ. war	973.715	Subjectivity knowledge	121
relations to library	021.32	Subjects	
voting by pol. sci.	324.164	allowable for arts degree	378.242
Studies		library accessions	025.211
order of curriculum	375.0011	of legislativ action	328.27

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Subjects		
of study curriculum	375.01-9	
Sublibrarians lib. econ.	023.72	
Sublimation prac. chem.	542.48	
Sublime and beautiful	701	
Sublingual glands	611.3161	
Submarine		
armor	627	
cables communication	654.5	
elec. engin'g	621.3828	
mines mil. "	623.9	
telegraf communication	654.5	
elec. engin'g	621.3828	
sociology	384	
tunnels mining engin'g	622.26	
warfare mil. "	623.9	
naval "	623.9	
Submarines shipblding	623.825	
Submaxillary ganglion	611.89156	
glands	611.3161	
Submental glands	611.462	
Submerged vessels	623.825	
Submersion, asphyxia by	612.2322	
Suboccipital nerves	611.8331	
Subscapular arteries	611.1341	
muscle	611.73716	
Subscription		
book publishing	655.57	
dep't lib. privileges	024.78	
libraries	027.3	
to creeds eccles. polity	262.8	
39 articles Ang. ch.	283.42	
Subscriptions		
library staff rules	023.93	
support	021.95	
Subsidence of sewage	628.33	
Subsidies,		
library local support	021.91	
state aid	021.832	
protection	337.4	
public school	379.124	
ship	387	
wages political econ.	331.225	
Subsistence ration	612.3952	
Substance metaphysics	111	
Substantia		
cinerea anatomy	611.8224	
nigra "	611.81541	
perforata anterior anat.	611.8133	
spongiosa "	611.8224	
Substations elec. engin'g	621.3126	
Substitute system suffrage	324.224	
Substitutions algebra	512.86	

Subsurface		
condits road engin'g	625.78	
irrigation	628.364	
Subterranean		
telegraf communica.	654.4	
elec. engin'g	621.31923	
Subthalamie tegmental reg.	611.8141	
Subways		
hygiene of ground	614.782	
road engineering	625.4	
sanitation	628.47	
Success in life ethics	174	
Succession		
apostolic eccles. pol.	262.11	
monarchic pol. science	321.6	
to English crown	342.42	
property law	347.6	
Suckling, J: Eng. poetry	821.41	
Sucroclastic ferments.		
physiologic chemistry	612.01515	
Suction pump physics	533.85	
Suctoria parasitica ectozoa	616.9688	
<sup>1</sup> Sudan Africa history	966.2	
<sup>1</sup> Egypt "	962.6	
Sudoriferous glands	611.774	
Sue, Eugene Fr. fiction	843.74	
Suetonius Latin literature	878.7	
Suez canal engineering	626.9	
sociology	386	
Suffixes Eng. etymology	422.2	
Suffocation physiology	612.232	
protec. of life	614.82	
<sup>1</sup> Suffolk, co. England hist.	942.64	
<sup>1</sup> Mass. "	974.46	
<sup>1</sup> N. Y. history	974.725	
Suffrage		
political science	324	
U. S. const. amendment		
const. hist.	342.739	
history	973.82	
pol. sci.	324.15	
Sufism oriental philosophy	181.5	
Sugar		
adulterations	614.311	
amount in liver	612.35211	
beets agriculture	633	
blood physiology	612.35212	
cane agriculture	633	
duty on	337.5	
food values	641.13	
formation in lactic secre.	612.66432	
house prison Am. revol.	973.372	
in milk physiol.	612.66412	
manufacture	664.1	

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index



- Sugar  
 nutrition 612.396  
 organic chemistry 547.3  
 refinery 664.1  
 refining air pollution 614.734  
 vegetable drugs 615.332
- Sugars  
 absorption in intestin 612.33272  
     stomach 612.32272  
 changes in organism 612.3962  
 chemistry of food 641.13  
 digestion in intestin 612.3322  
     stomach 612.3222  
 in urin 612.46182  
 tryptic digestion 612.3422
- Suggestion hypnotism 134  
 therapeutics 615.851
- Suhm, P. F. Danish misc. 839.8845
- Suicide customs 394.8  
 ethics 179.7  
 in equity law 347.8
- Sulcomarginalis, fasciculus 611.8255
- Sulfate  
 of iron agriculture 631.825
- Sulfates agriculture 631.833  
 chem. tech. 661.6
- Sulfids mineralogy 549.3
- Sulfur  
 chemistry 546.22  
 compounds air pollu. 614.725  
 in food physiol. 612.39243  
     urin " 612.46163  
 waters econ. geol. 553.74
- Sulfuric acid chem. tech. 661.2
- <sup>1</sup>Sullivan co. Ind. hist. 977.241  
<sup>1</sup> Mo. " 977.8235  
<sup>1</sup> N. H. " 974.27  
<sup>1</sup> N. Y. " 974.735  
<sup>1</sup> Pa. " 974.859
- Sullivan's exped. Am. rev. 973.3356
- Sully-Prudhomme Fr. poet. 841.84
- Sulphates chem. technol. 661.6
- Sulphids mineralogy 549.3
- Sulphur, *see* Sulfur
- Sulpicians monastic ord. 271.75
- Sumac botany 583.292  
 forestry 634.9
- <sup>1</sup>Sumatra history 992.1  
 travel 919.21
- Summer  
 closing lib. econ. 024.44  
 dishes cookery 641.592  
 houses arbors 717  
<sup>1</sup> iles, Bermuda history 972.99
- Summer  
 iles, Bermuda travels 917.299  
 resorts amusements 791  
     architecture 728.52  
 schools self education 374.8  
<sup>1</sup>Summers co. W. Va. hist. 975.476  
<sup>1</sup>Summit co. O. " 977.136
- Summons  
 legislativ bodies 328.353
- Sumner, C: Am. oratory 815.33  
 assault on U. S. hist. 973.7114
- Sumner's method naviga. 527.4
- Sumptuary laws ethics 177.4
- Sumter, Fort, S. C.  
 naval hist. U. S. civ. war 973.7351  
 U. S. civil war 973.7311
- Sun  
 baths therapeutics 615.831  
 cracks geology 551.83  
 descriptiv astronomy 523.7  
 dials horology 529.78  
 dried brick masonry 693.22  
 effect on tides 525.62  
 light hygiene 613.19  
 maps and observations 524.7  
 motors engineering 621.47  
 pictures 770  
 rooms dom. econ. 643.57  
 stroke injuries 616.988  
 worship 290
- Sunbirds zoology 598.8
- <sup>1</sup>Sunbury co. N. B. hist. 971.543
- <sup>1</sup>Sunda history 992
- Sunday 263  
 closing lib. and museums 263.7  
     econ. 024.41  
 law 263.8  
 observance 263.4  
 opening lib. econ. 024.41  
 school bildings arch. 726.4  
     libraries 027.8  
     music 783.7  
 schools 268  
 work lib. econ. 023.632  
     polit. econ. 331.813
- Sundays labor holidays 331.817
- Sunesen, Anders Dan. poet. 839.8111
- Sunken  
 tubes foundations 721.177  
 wells " 721.176
- Supercilia anat. 611.8476
- Superfetation animals 591.169
- Superheaters, steam 621.1975
- Superintendence, bilding 692.61  
 school 379.15

Superintendent, household	647.21	Surgeons	
school	379.153	biography	926.1
Superior, Lake travels	917.7	U. S. civil war	973.775
<sup>1</sup> Wis. history	977.512	<b>Surgery</b>	<b>617</b>
Supernatural metaphys.	125	Surgical dressings	617.93
theology	231.7	instruments	617.91
<b>Supernaturalism delusions</b>	<b>133</b>	operations	617.4
Supernumerary organs		pathology	617
deformities	617.36	<sup>1</sup> Surinam, S. Amer. hist.	988
Superphosphates agric.	631.855	Surnames genealogy	929.4
Supersaturation chem.	542.62	Surrender of	
<b>Superstitions</b>	<b>133</b>	Burgoyne Am. revol.	973.3333
Supervision		Cornwallis "	973.3375
administration	351.93	Lee U. S. civ. war	973.7384
domestic economy	<b>647</b>	Surrey, earl of Eng. poet.	821.28
of accounts bilding	692.7	<sup>1</sup> Surrey co. England history	942.21
Supinators anat.	611.7376	Surrogate courts	347.99
Supper recipes dom. econ.	641.53	Surveying	
Supplies factory storage	621.7962	geodesy	526.9
legislativ	328.364	subterranean min. eng.	622.14
library admin.	025.116	surveying	526.99
Supply and demand	338	Surveys	
<b>Support, library</b>	<b>021.9</b>	general scientific	508.3
Supports		sanitary public helth	614.77
practical chemistry	542.24	Survival of the fittest evolu.	575.6
shelf lib. econ.	022.454	Surviving	
Suppuration diseases	617.22	hart physiology	612.1726
Supraclavicular nerv	611.83334	organs "	612.0138
Suprarenal		Survivors ass'n, con. ederate	369.171
artery, middle anat.	611.1366	Susanna, story of Bible	229.6
bodies anatomy	611.45	Susceptibility emotions	157
diseases of	616.45	Susiana ancient history	935.9
physiology	<b>612.45</b>	Suspended	
nervs anatomy	611.8393	animation medicin	616.206
veins "	611.1463	physiology	612.0131
Supraspinatus muscle	611.73712	Suspension	
Supremacy, papal ch. pol.	262.13	bridges engineering	624.5
<b>Supreme court reports, U. S.</b>	<b>345.4</b>	catenary elec. traction	621.33223
Sureties commercial law	347.7	of legislators	328.366
Surf boats shipbilding	623.829	rights pol. sci.	323.49
Surface		suffrage "	324.17
features of the earth	551.4	running gear engin'g	625.21
geology	551	<sup>1</sup> Susquehanna co. Pa. hist.	974.834
railways elec. engin'g	621.331342	<sup>1</sup> Sussex co. Del. history	975.17
transportation mining	622.69	<sup>1</sup> England "	942.25
Surfaces		travels	914.225
of revolution desc. geom.	515.16	<sup>1</sup> N. J. history	974.976
warpt " "	515.17	<sup>1</sup> Sutherland, Scot. history	941.14
Surfacing road engineering	625.75	Suttee treatm't of the ded	393.9
Surfit dietetic diseases	616.39	<sup>1</sup> Sutter co. Cal. hist.	979.434
Surfusion prac. chem.	542.63	Sutures anatomy	611.7141
Surgeon gen. U.S.A. reports	353.6	surgery	617.93
Surgeons		Suzerain	
American revolution	973.375	states pol. sci.	321.023

Svaning, Hans	Dan. misc.	839.883	Swet		
Svart, P. A.	Swed. "	839.7821	effect on temperature		612.533
<sup>1</sup> Svealand, Sweden	history	948.7	glands anatomy		611.774
	travel	914.87	disorders of		616.56
Svedenborg, E.	Swed. misc.	839.7836	<b>physiology</b>		<b>612.792</b>
<sup>1</sup> Swabia, Germany	history	943.47	therapeutics		615.743
	travels	914.347	Sweters clothing		646.45
Swabs	gun	623.463	Sweting system wages		331.236
Swallowing	physiol.	612.312	Swift, J.	Eng. satire	827.52
Swallows	zoology	598.8	Swimming		
Swamps			amusements		796
physical geografy		551.49	animal locomotion		591.47
public helth		614.772	baths architecture		725.73
Swans	domestic birds	636.6	bladder compar. anat.		611.29
	zoology	598.4	"	physiol.	612.767
Swastika	ecclesiology	246.5	Swinburne, A. C.	Eng. poet.	821.86
	heraldry	929.6	Swindling ethics		174.6
Swearing, legal		347.94	law		343
profane ethics		179.5	Swine		
Sweat, <i>see</i> Swet			diseases of comp. medi.		619.4
Sweaters clothing		646.45	domestic animals		636.4
Sweating system wages		331.236	Swing		
Sweden			bridges engin'g		624.83
administration		354.485	Swiss architecture		724.7
antiquities		913.485	Switch		
architecture		720.9485	boards, central station		621.317
botany		581.9485	telephone exchange		621.387
colleges		378.485	engins, steam		621.13263
constitutional law		342.485	Switches		
education		370.9485	electric engin'g		621.3173
finance		336.485	local elec. lighting		621.3287
geology		554.85	railway engineering		625.16
<sup>1</sup> history		948.5	telephone		621.3866
laws		349.485	telegraf		621.38327
maps		912.485	Switzerland		
religious history		274.85	administration		354.494
schools, public		379.485	antiquities		913.494
statistics		314.85	architecture, history		720.9494
travel		914.85	botany		581.9494
treaties		341.2485	colleges		378.494
zoology		591.9485	constitutional law		342.494
Swedenborgian church		289.4	education		370.9494
lives		922.84	finance		336.494
Swedish			geology		554.94
architecture, Romanesque		723.48	<sup>1</sup> history		949.4
church sects		284.7	laws		349.494
gymnastics hygiene		613.71	maps		912.494
<sup>4</sup> language		439.7	religious history		274.94
<sup>5</sup> literature		839.7	schools, public		379.494
movement cure massage		615.82	statistics		314.94
Sweeping dom. econ.		648.52	travel		914.94
Sweet herbs gardening		635.7	treaties		341.2494
Sweets cookery		641.85	zoology		591.9494
			<sup>1</sup> Switzerland co. Ind. hist.		977.212

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Swivel			
bridges	engin'g	624.83	
Sword exercise		796	
Swords	side arms	623.4442	
	war customs	399	
<sup>1</sup> Sydenham, Ont.	history	971.318	
<sup>1</sup> Sydney, Australia	history	994.4	
	travels	919.44	
Syenite	economic geology	553.52	
	metamorphic rocks	552.41	
	plutonic rocks	552.32	
Syllogism	logic	166	
Sylvian aqueduct	anat.	611.8156	
	fissure	"	611.81313
Symbolic logic		164	
Symbolism	Bible	220.6	
	religious art	<b>246</b>	
Symmetric functions	alge.	512.84	
Sympathetic			
nervous system			
action on blood vessels		612.1814	
salivary secre.		612.31382	
<b>anatomy</b>		<b>611.839</b>	
diseases		616.88	
ganglions	anatomy	611.899	
<b>physiology</b>		<b>612.89</b>	
	of hart	612.1782	
strikes	polit. econ.	331.892	
Sympathy	emotions	157	
Symphony	orches. music	785.1	
Symphsectomy	obstetrics	618.85	
Symptomatic dis. of women		618.17	
<b>Symptoms</b>	<b>diagnosis</b>	<b>616.07</b>	
Synagogs	architecture	726.3	
Synarthrosis	anatomy	611.7292	
Synchronizers	elec. eng.	621.37491	
Synchronology	history	902	
Synchronous			
<b>machinery</b>	elec. eng.	<b>621.3134</b>	
multiplex telegraf		621.38236	
Synclinal	structural geol.	551.86	
Syncope, cardiac	physiol.	612.1786	
Syndicalism	polit. econ.	331.87	
Synesthesia	physiology	612.887	
Synod	ecclesiastic polity	262.4	
<sup>2</sup> Synonyms	Eng. language	424	
<b>Syntax</b>	compar. philology	<b>415.2</b>	
<sup>3</sup>	English language	<b>425.2</b>	
Syntheses	physiol. chem.	612.01536	
Synthesis			
<b>chemistry</b>		<b>545.9</b>	
electric chemistry		545.97	
logic		160	
Syphilis			
diseases		616.951	
public helth		614.547	
vaccinal contag. dis.		614.4733	
Syphon	physics	532.56	
<sup>1</sup> Syracuse, N. Y.	history	974.766	
	Sicily anc. hist.	937.8	
<b>Syria</b>	<b>ancient history</b>	<b>939.4</b>	
	Coele " "	939.42	
<sup>1</sup>	modern " "	956.9	
	Upper anc. history	939.41	
<sup>4</sup> <b>Syriac language</b>		<b>492.3</b>	
	text Bible	220.43	
Syrian church	sects	281.5	
<sup>1</sup>	desert history	953.9	
	philosofy	181.9	
Syrtica Regio	anc. hist.	939.74	
Syrup	adulterations	614.311	
Systematic			
<b>botany</b>		<b>580</b>	
<b>catalogs</b>	<b>bibliografy</b>	<b>017</b>	
<b>theology</b>		<b>230</b>	
Systems			
construction	shipbilding	623.84	
economics		330.15	
<b>electoral</b>	<b>suffrage</b>	<b>324.2</b>	
floor	bridge engin'g	624.25	
<sup>2</sup>	manuals see subject		
of aerial lines		621.319222	
electric traction		621.3312	
	transmission	621.31912	
incandescent lighting		621.3262	
underground lines		621.319232	
philosofic		140	
road	engineering	624.71	
scientific	economics	330.15	
<b>suffrage</b>		<b>324.2</b>	
Systole	physiology	612.171	
Syv, Peder	Dan. poetry	839.8133	

T beams, strength of	620.11282	Tackle	
<sup>1</sup> Tabasco, Mexico history	972.6	mechanical engin'g	621.863
Tabernacle		Tact mental faculties	151
biblical antiquities	220.93	<b>Tactics, military</b>	355.4
sacred furniture	247.2	<b>Tactil sense physiol.</b>	612.88
Tabernacles architecture	725.92	Taenia semicircularis	611.81325
Table		Tail	
and parlor games	793	comparativ anat.	611.99
anecdotes entertaining	642.48	lymphatics comp. anat.	611.4219
decoration dom. econ.	642.8	Tailoring	687
d'hôte table systems	642.51	Taine, H. A. Fr. essays	844.83
domestic economy	642	Takigrafy shorthand	653.71
lights lib. bildings	022.763	<sup>1</sup> Talbot co. Md. history	975.232
ship outfit	623.86	Talbotypes	772
systems dom. econ.	642.5	Talent mental faculties	151
<sup>5</sup> talk Eng. literature	828	<b>Tales Eng. literature</b>	823
tipping spiritism	133.9	Talipes surgery	617.39
Tableaux	793	Talismans	133.4
Tables		Talmud Judaism	296
acoustics	534.9	Talocalcaneum ligament	611.72851
algebra	512.9	Talus anatomy	611.71871
arithmetic	511.9	<sup>1</sup> Tama co. Ia. history	977.756
astronomy	524	Tamariscinæ botany	583.158
electricity	537.9	<sup>1</sup> Tamaulipas, Mex. history	972.1
engineering	620.8	Tambourine instruments	789.4
food dom. econ.	641.1	Tamil language	494
furniture dom. econ.	643.43	literature	894
library "	022.912	Tammany political ass'n	363
heat	536.9	<sup>1</sup> Taney co. Mo. history	977.8797
hydrostatics	532.9	Tangents trigonometry	514.1
integral calculus	517.39	Tank sewers	628.28
interest	658	Tankage fertilizers	631.846
life life insurance	368.3	Tanks	
magnetism	538.9	feedwater engin'g	621.1972
mathematical	510.8	railway architecture	725.33
mechanics	531.9	track steam locomotivs	621.1363
mercantil	658	Tanning	675
molecular physics	539.9	air pollution	614.745
optics	535.9	Tannins vegetable drugs	615.334
pneumatics	533.9	Tansillo, Luigi Ital. poet.	851.43
sun's motion	525.38	Tantalates mineralogy	549.71
tide	525.69	Tantalum	
water walls	721.25	chemistry	546.88
time transportation	656	filaments elec. lighting	621.32642
Tablets, memorial monu.	718	Taouism	299.5
Taboo religion	299.9	Tapestry	746
Taccacæ botany	584.26	bilding	698.7
Tachometers steam eng.	621.1977	Tapetum anat.	611.8423
Tachygraphy shorthand	653.71	Tapeworms parasitic dis.	616.964
Tacitus, C. C. Latin lit.	878.6	Tapioca chem. technol.	664.2
Tackle		Tapping machines	621.955
blocks and engin'g	621.862	Tar	
breching ordnance	623.4362	chemic technology	668.4
hydraulic machinery	621.262	coql chem. tech.	668.7

Tar	
engineering materials	620.196
paper bags	648.7
road materials	625.7
roofing bilding	695.6
water medicin	615.3252
Tarascan civilization	972.013
Tardiness lib. econ.	023.612
school disciplin	371.52
Target	
practis, naval mil. eng.	623.554
shooting	799
Targums Chaldee versions	221.42
Tariff act, 1824 U.S.hist.	973.54
1828	973.55
Dingley "	973.88
McKinley "	973.86
Underwood "	973.913
Wilson "	973.87
causes of U.S. civ. war	973.7118
Tariffs pol. econ.	337
for electricity eng.	621.371
Tarinus, valv of anat.	611.81711
<sup>1</sup> Tarn, France history	944.85
<sup>1</sup> et Garonne, Fr. history	944.75
Tarsal artery anat.	611.13794
Tarsometatarsal joints	611.7286
<b>Tarsus anatomy</b>	<b>611.7187</b>
Tartar emetic, medicin	615.731
<sup>1</sup> Tartary history	950
travels	915
Task	
work wage bases	331.231
Tasks school disciplin	371.56
<sup>1</sup> Tasmania history	994.6
Tasso, B. Ital. poetry	851.35
T. " "	851.46
Tassoni, A. " satire	857.51
Taste	
anatomy	611.87
and criticism - fine arts	701
esthetics "	701
facial nerv action	612.81975
in printing	655.26
mental perceptions	152.4
<b>physiology</b>	<b>612.87</b>
Tatting domestic econ.	646.26
Tattooing customs	391.7
Tautomerism chem.	541.7
Taverns housekeeping	647.94
Tavsen, Hans Dan. poetry	839.812
Tax, military mil. sci.	355.2
titles law	347.2
Taxation	
causes of Amer. revol.	973.3114

Taxation	
local government	352.1
<b>political economy</b>	<b>336.2</b>
school support	379.13
Taxes	
exemption from	336.29
for raising library funds	021.91
<b>tariff political econ.</b>	<b>337</b>
Taxidermy	579.4
Taylor, Bayard Am. poet.	811.46
Z. presidency of	973.63
<sup>1</sup> Taylor co. Ia. history	977.779
<sup>1</sup> W.Va. "	975.455
<sup>1</sup> Wis. "	977.526
shorthand	653.35
Taylor's campain Mex. war	973.6233
theorem algebra	512.4
<sup>1</sup> Tazewell co. Ill. history	977.354
Tea adulterations	614.347
beverages	641.87
cultivation	633
hygiene	613.37
physiology	612.3932
rooms dom. econ.	647.95
tax on Amer. revol.	973.3115
Teachers	
<b>and teaching</b>	<b>371</b>
<b>biografy</b>	<b>923.7</b>
cards lib. econ.	024.71
<b>institutes education</b>	<b>370.72</b>
library propagandism	021.75
relation to library	021.31
<b>training</b>	<b>370.7</b>
<b>university faculty</b>	<b>378.12</b>
Teaching	
freedom of	378.121
<sup>2</sup> of special topics see subject	
<b>Tear apparatus anat.</b>	<b>611.8464</b>
physiol.	612.847
Teas, commercial mixing of	663.9
Technical	
dictionaries	603
on special topics see subject	
education	607
on special topics see subject	
school architecture	727.4
<b>schools</b>	<b>378.99</b>
libraries in	371.648
see also special subject	
<b>troops military science</b>	<b>358</b>
Technologic schools	607
on special topics see subject	
<b>Technology</b>	<b>600</b>
<b>chemic</b>	<b>660</b>

Tectology	histology	611.01881	Telegrafy		
Teeth			<b>wire engineering</b>		621.382
animals		591.73	<b>wireless engineering</b>		621.3842
artificial	dentistry	617.69	Telemeters, electric		621.379
<b>dentistry</b>		617.6	gunnery		623.54
<b>diseases of</b>		617.6	surveying		526.91
human anatomy		611.314	<b>Telencephalon</b>	anat.	611.813
physiology		612.311	Teleology	metaphysics	124
Teetotalism	temperance	178.2	Teleostei	fishes	597.5
Tegel, E. G.	Swed. misc.	839.7822	Telepathy	mind and body	134
Tegmentum	anatomy	611.81543	Telephone, <i>see</i>	Telefone	
Tegnér, E.	Swed. poetry	839.7163	Telephot	photografy	778
†Tehama co. Cal.	hist.	979.427	Telepost	elec. eng.	621.38247
Tehuantepec			<b>Telescope</b>	<b>astronomy</b>	522.2
<sup>1</sup> Mexico	history	972.7	optics		535.83
ship canal	engineering	626.9	zenith astron.		522.43
Teichmann's	crystals	612.11116	Telescopes	famous	522.29
Telæ choroideæ	anat.	611.8192	<b>Telferage</b>	<b>mech. engin'g</b>	621.867
Telautograf	elec. eng.	621.3826	<b>Telfers</b>	" "	621.868
Telefone			Tellez, Gabriel	Sp. drama	862.33
bills, legislativ		328.364	Tellurates	mineralogy	549.77
booths	lib. bildings	022.683	Tellurids	"	549.3
communication		654.6	Tellurium	chemistry	546.24
<b>electric engineering</b>		621.385	<b>Telpherage</b>	<b>mech. engin'g</b>	621.867
electricity		537.82	<b>Telphers</b>	" "	621.868
electrophysiology		612.01442182	†Temiscouata co. Que.	hist.	971.476
<b>instruments elec. eng.</b>		621.386	Temper	ethics	179.8
sociology		384	Temperament	piano	786.2
Telefones	dom. econ.	643.6	Temperaments		137
interdep't lib.		022.948	Temperance		
school bldgs		371.629	<b>ethics</b>		178
Telefony			hygiene		613.81
and telegrafy, combined		621.38295	in laboring classes		331.84
military		623.733	legislation		178.4
<b>wire engineering</b>		621.385	reformatories		178.6
<b>wireless</b>	"	621.3845	Temperature		
Telegraf			<b>animal heat</b>		612.5
bildings	architecture	725.23	conditions of life		577.4
bills, legislativ		328.364	elevated hygiene		613.64
codes		652	hygiene		613.18
electric applications		537.81	in diseases	diagnosis	616.075
finding longitude by		525.47	physiol.		612.556
military signals		623.732	influence on respiration		612.225
sociology		384	<b>measurement</b>	physics	536.5
Telegrafic			physiol.		612.51
construction	commun.	654.4	nitrogen excretion		612.461235
<b>engineering</b>		621.3192	of air	meteorology	551.52
instruments		654.1	<b>body</b>	physiology	612.56
<b>engin'g</b>		621.383	earth	geology	551.12
Telegrafone	useful arts	621.389	liver	physiology	612.355
Telegrafs	administration	351.817	urin	"	612.46113
Telegrafy			physiologic chem.		612.01535
and telefony, combined		621.38295	<b>physiology</b>		612.5
<b>communication</b>		654	sense	physiology	612.882

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Temperature			Tensor		
therapeutics	615.832		fasciae latae anat.	611.73815	
variable hygiene	613.64		vaginae femoris "	611.73815	
Tempering			Tent life	hygiene	613.67
<b>manufactures</b>	671		making mech. trade	689	
molecular physics	539.54		<b>Tenth nerv anatomy</b>	611.83191	
Templars	366		<b>physiology</b>	612.81991	
knights	929.712		Tenting	outdoor sports	796
Temples	architecture	726.1	Tentorium cerebelli anat.	611.8195	
student soc.	371.86		Tents		
Temporal			military science	355.81	
artery, superficial anat.	611.13327		prehistoric dwellings	571.86	
bone anatomy	611.7153		Tenure of		
lobe	"	611.81313	land	law	347.2
muscle	"	611.73272	<b>polit. economy</b>	333	
power papacy	262.13		offis	civil servis	351.4
relig. history	270.4		library economy	023.2	
Temporary halls	architec.	725.92	teachers	371.142	
Temporomandibular joint	611.724		Teratology		
Temporomaxillary joint	611.724		anatomy	611.012	
Temporosphenoid lobe	611.81313		animals	591.2	
Temptation	doct. theol.	233.2	monstrosities	591.159	
Temptations of laboring			natural history of man	573.9	
classes	331.84		plants	581.22	
Tenants	law	347.2	<b>surgery</b>	617.3	
Tendency legisla. pol. sci.	328.24		Terbium inorganic chem.	546.653	
Tender, legal paper money	332.5		Terence Latin drama	872.5	
<b>Tenders, locomotiv</b>	621.136		Teres major anatomy	611.73715	
<b>Tendons anatomy</b>	611.74		minor	"	611.73714
diseases of	616.75		Teresa de Jesus Span. misc.	868.33	
<b>physiology</b>	612.755		Terminal cone of spinal cord	611.8216	
<b>sheaths of anatomy</b>	611.75		Terminals, voltaic eng.	621.3526	
diseases of	616.76		<b>Terminations, nerv histol.</b>	611.01886	
Tenements			Terminology anatomy	611.0114	
<b>architecture</b>	728.1		economics	330.14	
domestic economy	647.91		metaphysics	112	
hygiene	613.53		physiology	612.0114	
laboring classes	331.83		solutions	541.3412	
Teneriffe description	914.68		Termites	zoology	595.73
Tenia anatomy	611.81325		Terms	schools	371.23
Tennessee, U. S.			definitions	lib. econ.	020.14
admission U. S. history	973.43		Ternstroemiaeae	botany	583.166
<sup>1</sup> history	976.8		Terra cotta		
For military history, see sub-			and iron	architecture	721.97
divisions of Special campaigns			art	738	
and Military history under			columns	architecture	721.34
973.52, 973.7 and 973.89			construction	masonry	693.3
secession U. S. history	973.713		manufactures	666.6	
Tennis, lawn	796		piers	architecture	721.34
parlor	794		porous, constr.	masonry	693.4
Tennyson, A.	Eng. poetry	821.81	works	architecture	725.48
Tenotomy	surgery	617.47	Terra del Fuego	travels	918.2
<sup>2</sup> Tense signs	Eng. etymol.	422.8	<sup>1</sup> di Otranto, Italy	hist.	945.76
<sup>3</sup> Tension	Eng, syntax	425.8	trav.	914.576	
Tension	engineering	620.1124			



- Terraces   phys. geology   551.35  
Terrapin   fishery           639.3  
            zoology           598.13  
<sup>1</sup>Terre Bonne co. Que.   hist.   971.424  
<sup>1</sup>          Haute, Ind.       "   977.245  
Terrestrial  
  magnetism           538.7  
  means of find'g longitude   525.47  
Territorial representation   328.3342  
Territory  
  acquisition   pol. sci.   320.12  
Tertiary age   geology   551.78  
Tertullian   philosophy   189.2  
Tessin, K: G.   Swed. misc.   839.7841  
Test  
  laws   Eng. relig. hist.   274.2  
  tubes   prac. chemistry   542.231  
Testacea   zoology   594  
Testament, New   225  
          Old   221  
Testamentary law   347.6  
Testes   anatomy   611.631  
          physiology   612.616  
Testi, Fulvio   Ital. poetry   851.53  
Testicles   anatomy   611.631  
          physiology   612.616  
Testimony  
  expert evidence   347.94  
    state control of   614.23  
  legal evidence   347.94  
  probabilities   519.3  
Tests  
  boiler   manufacture   621.18413  
          operation   621.1947  
          public safety   614.837  
  chemic analysis   543  
  educational suffrage   324.14  
  electric engineering   621.37  
  of engineering materials   620.112  
    ordnance stores   623.4822  
Testudinata   zoology   598.13  
Tetanic muscular contract.   612.74113  
Tetanus   diseases   616.854  
          surgery   617.27  
Tetracorolla   593.61  
Teutonic  
  knights           929.713  
  minor languages   439  
  literatures       839  
  mythology       293  
  race ethnology   572.83  
Texas  
  annexation   Mex. war   973.621  
              U. S. history   973.61
- Texas  
  annexation resolution   973.58  
  <sup>1</sup> co. Mo. history   977.884  
  <sup>1</sup> history   976.4  
  independence   U. S. hist.   973.56  
  secession       "   "   973.713  
    For military history, see subdivisions of Special campaigns and military history under 973.52, 973.62, 973.7 and 973.89  
Textbooks  
  <sup>3</sup> for writ'g verse   Eng. pros.   426.8  
  free public schools   379.153  
  instruction   371.32  
  state public schools   379.156  
Textil  
  fabrics   dom. economy   646.1  
          inspection   614.37  
          manufactures   677  
          prehist. archeol.   571.54  
  factories   architecture   725.41  
  hangings   bilding   698.7  
              dom. economy   645.2  
  roofing   bilding   695.8  
Texts  
  comparativ philology   418  
  <sup>3</sup> English philology   428.8  
  <sup>3</sup> for learning Eng. lang.   428  
    original Bible   220.4  
Thaarup, T:   Dan. drama   839.8255  
Thackeray, W: M.   Eng. fict.   823.82  
Thalamencephalon   anat.   611.814  
Thalamic radiation   "   611.8147  
Thalamus, optic   "   611.8147  
Thales   Greek filosofer   182.1  
Thallium  
  accumulators   elec. eng.   621.357  
  inorganic chemistry   546.52  
Thallophyta   589  
Thames  
  battle   U. S. war of 1812   973.5235  
  river   description   914.22  
Thanksgiving  
  day   customs   394  
          schools   371.365  
  sermons   252.6  
Thasos   ancient history   939.11  
  <sup>1</sup>   modern   "   949.91  
Thatch   roofing   695.9  
Theater in library   bilding   022.651  
Theaters   amusements   792  
          architecture   725.82  
          ethics   175.2  
          hygiene   613.55  
Theatricals, private   793

Theban supremacy	Gk hist.	938.06	Thermometers		
<sup>1</sup> Thebes, Egypt	history	962.3	steam plant		621.1977
	travel	916.23	Thermometry		
Theft	law	343	meteorology		551.52
Thefts of library books		024.86	pathology		616.075
Theism	natural theology	211	physics		536.51
Themistocles	Gk letters	886.1	physiology		612.56
Theocritus	Gk lyric poetry	884.6	<b>Thermoscope</b>		536.5
Theodicy	God	231.8	<b>Thermotaxis</b>	physiology	612.53
	Providence	214	Thermotherapy		615.832
Theodolite	surveying	526.91	Thessalonians 1	Bible	227.81
Theodosius 3	Byzant. hist.	949.501		2	227.82
Theognis	Greek poetry	881.1	Thessaly	ancient history	938.2
<b>Theologians</b>	<b>biography</b>	<b>922</b>	Theuerdank	Ger. poetry	831.36
Theologic			Thian-Shan, E.	Turkestan	915.16
doctrins		230	Thiard, Pontus de	Fr. poet	841.35
education	religion	207	Thibaut 4	" "	841.16
seminaries	architect.	727.4	<sup>1</sup> Thibet, China	history	951.5
	religion	207	Thiers, presidency	Fr. hist.	944.08
<b>Theology</b>		<b>200</b>	Thigh	anatomy	611.982
<b>biography of</b>		<b>922</b>	lymphatics of		611.42182
<b>natural</b>		<b>210</b>	<b>muscles</b>		<b>611.7382</b>
Theophanies		231	Thigmotaxis	mesology	612.014478
Theophrastus	anc. philos.	185.2	Thilorier apparatus	chem.	542.79
<b>Theoretic astronomy</b>		<b>521</b>	Third		
<b>chemistry</b>		<b>541</b>	nerv	anatomy	611.8313
<b>ethics</b>		<b>171</b>	<b>physiology</b>		<b>612.8193</b>
Theories of			rail	electric lines	621.3323
construction	building	690.1	systems	power deliv.	621.33156
<sup>2</sup> special subject	see subject		ventricle	anatomy	611.8148
Theosofy		212	Thirst and hunger	physiol.	612.3913
<b>Therapeutics</b>		<b>615.5</b>	Thirty		
Thermal springs	seismology	551.23	day bills	legislation	328.375
Thermic			years war	Europ. hist.	940.7
centers	physiology	612.535		Ger.	" 943.041
effects of muscular				Scand.	" 948.04
contraction		612.7453	Thirty-nine articles	creeds	238.3
phenomena of hart action		612.173	Thistles	agriculture	632
nerv centers.		612.814	botany		583.55
nervs		612.8224	Thomas à Kempis		242.1
topografy	physiology	612.563	Aquinas		189.4
Thermochemistry		541.36	Thompson, D. P.	Am. fict.	813.31
Thermodynamic value, <i>see</i>			Thomson, J.	Eng. poetry	821.56
Value, thermodynamic			Thomsonianism	cures	615.855
Thermodynamics		536.7	Thoracic		
applied	steam engin'g	621.101	<b>aorta</b>	<b>anatomy</b>	611.135
Thermogenesis			arteries	"	611.1341
conditions affect'g	physiol.	612.54	bones	"	611.712
<b>physiology</b>		<b>612.51</b>	duct	"	611.424
<b>Thermolysis</b>	<b>physiology</b>	<b>612.52</b>	diseases of		616.42
Thermometers			<b>physiology</b>		<b>612.4231</b>
electric engineering		621.379	esophagus	anatomy	611.3291
mechanic trades		681	ganglions, sympathetic		
physics		536.51		anat.	611.8392
				physiol.	612.892

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Thoracic  
   **glands anatomy** 611.464  
   lymphatics anatomy 611.4214  
   **muscles** " 611.735  
   **nervs** " 611.834  
   vertebrae " 611.7115  
 Thoracostraca zoology 595.38  
**Thorax anatomy** 611.94  
 Thoreau, H: D: Am. misc. 818.31  
 Thorild, T. Swed. poetry 839.7155  
 Thorium inorgan. chem. 546.84  
 Thornheded worms diseases 616.966  
 Thornton shorthand 653.55  
 Thoro bass music 781.3  
 Thorwald discov. of Amer. 973.13  
**Thought faculty** 153  
   new 131  
   transference 134  
 Thousand Islands, N. Y.  
   <sup>1</sup> history 974.758  
   travel 917.4758  
 Thracia ancient history 939.89  
 Thred worms parasit. dis. 616.965  
 Three  
   bodies, prob. of astron. 521.13  
   phase elec. machinery 621.313323  
     trac. systems 621.331433  
     **transmis.** " 621.319133  
   wire elec. " a.c. " 621.3191323  
     " " d.c. " 621.319123  
     incandescent light 621.3262  
 Threshers steam engin'g 621.156  
 Thrift laboring classes 331.84  
 Throat  
   anatomy 611.93  
   diseases 616.31  
   protection in factories 628.512  
   surgery 617.53  
 Thrombin physiology 612.11512  
 Thrombosis, venous 618.77  
<sup>1</sup>Thronhjem, Norway hist. 948.4  
 Thrones arch. accessories 729.93  
 Throttle, locomotiv 621.1349  
 Throttling engines 621.1642  
 Thrust balancing  
   steam turbins 621.16536  
 Thucydides Greek liter. 888.2  
 Thugs 299.11  
 Thulium inorg. chem. 546.697  
 Thum extensors anat. 611.73768  
   flexor, long " 611.73756  
   muscles " 611.73773  
 Thunder  
   <sup>1</sup> Bay dist. Ont. hist. 971.312  
 Thunder  
   physics 537.4  
   storms meteorol. 551.55  
 Thurible sacred ornam'ts 247.9  
<sup>1</sup>Thuringia, Germany hist. 943.22  
 Thymelaeaceæ botany 583.933  
 Thymus anatomy 611.43  
   diseases of 616.43  
   physiology 612.43  
 Thyrocervical trunk 611.1347  
 Thyrohyoid muscle 611.7335  
 Thyroid  
   artery, superior anat. 611.13321  
   **body anatomy** 611.44  
   diseases of 616.44  
   **physiology** 612.44  
   veins anatomy 611.1451  
 Thyroidectomy physiology 612.445  
   surgery 617.44  
 Thyroids, aberrant anat. 611.445  
 Thyrotomy physiology 612.445  
   surgery 617.44  
 Thysanura 595.71  
 Tian-Shan description 915.16  
 Tibia anatomy 611.7185  
 Tibial  
   artery, anterior anat. 611.13787  
   posterior " 611.13791  
   glands, anterior " 611.4684  
   muscle " " 611.73841  
   posterior " 611.73857  
   vein " 611.14737  
 Tibiofibular  
   joint, inferior " 611.72841  
   ligaments " 611.72838  
   trunk " 611.1379  
 Tibiotarsal ligament " 611.72844  
 Tibullus, A. Lat. poetry 874.3  
 Tic douloureux diseases 616.87  
 Tichborne trial crim. law 343.1  
 Tickling physiology 612.883  
 Ticks animal parasites 616.9685  
 Ticonderoga  
   battle Amer. revol. 973.3314  
   capture U. S. col. hist. 973.26  
   evacuation Amer. revol. 973.3332  
 Tide tables 525.69  
   waters law 347.7  
 Tides  
   **astronomy** 525.6  
   **physical geografy** 551.46  
   protection from eng. 627.5  
 Tieck, L: German fiction 833.73  
 Tieplates railway engin'g 625.14

Ties, railroad	625.14	Time	
<sup>1</sup> Tiffin co. O. history	977.1241	wage bases	331.232
Tigers zoology	599.7	Timon Greek philosophers	186.1
Tight boots hygiene	613.484	Timothy 1 Bible	227.83
lacing	613.484	2 "	227.84
Tile		Tin	
and iron structures arch.	721.97	chemistry	546.81
construction bldg	693.3	group chemistry	546.8
floors, hollow architect.	721.63	manufacture	671
hollow, construction bldg	693.4	metallurgy	669.6
roofing	695.3	mining	622.34
strength of materials	620.14	prehistoric	571.31
Tiles		ores econ. geology	553.45
bldg material	691.4	roofing bldg	695.4
colored roofs	721.56	Tinsel dom. economy	646.19
floor covering	721.68	Tinting laundry process	648.27
manufactures	666.7	Tintypes photography,	772
with iron ceilings arch.	721.73	<sup>1</sup> Tioga co. N. Y. history	974.777
Tiliaceæ botany	583.19	1 Pa. "	974.856
Tiling masonry	693.3	Tippecanoe	
roofing	695.3	battle U. S. war of 1812	973.51
Till physical geology	551.33	<sup>1</sup> co. Ind. history	977.295
Timber		<sup>1</sup> Tipperary, Ireland history	941.92
architecture	724.7	Tips political economy	331.238
bldg material	691.1	<sup>1</sup> Tipton co. Ind. hist.	977.255
forestry	634.9	Tiraboschi, G. It. essays	854.63
gratings foundations	721.162	Tirant lo Blanch Catal.fict.	849.933
manufacture	674	Tires railway engin'g	625.21
piles foundations	721.142	rubber manufacture	678
platforms "	721.162	Tirso, de Molina Span.dram.	862.33
preservation of bldg	691.1	Tissue	
strength of materials	620.12	cellular, absorption by	612.388
trade	338.1	connectiv anatomy	611.76
Timberd, half, walls arch.	721.21	diseases of	616.77
Timbering		histology	611.0182
foundations architect.	721.12	physiology	612.75
bridges	624.152	subcutaneous admin. of	
mines	622.28	medicin by	615.63
Timbre, voice physiol.	612.784	Tissues	
Timbuctoo travels	916.62	animal histology	591.8
Time		elec. resistance physiol.	612.795
chronology	529	respiration of "	612.26
cosmic	529.77	uric acid in "	612.461259
distribution of	529.76	vegetable histology	581.8
finding at sea	527.3	Titanium	
keepers watchmaking	681	inorganic chemistry	546.82
limit of library loans	024.62	oxid arcs elec. lighting	621.3256
lost library servis	023.641	Tithes cleric support	254
metaphysics	115	taxation	336.21
of day hygiene	613.13	Title	
extra library loans	024.72	catalog lib. admin.	025.3
standard	529.75	to property, law of	347.2
systems and standard	529.75		
tables railroad	656		

- Titles  
   **and duties lib. economy** 023.7  
   **changed book bibliog.** 014  
   **of honor** 929.7  
 Titration solution  
   quan. anal. 545.2  
 Titrometric methods " " 545.5  
 Titus Bible 227.85  
<sup>1</sup>Tlascal, Mexico history 972.4  
 Toadfish batrachians 597.6  
   fishes 597.5  
 Toads 597.8  
**Toadstools botany** 589.22  
 Toasts entertainments 642.48  
 Tobacco  
   cerebro-cardiac poisons 615.99  
   cultivation 633  
   ethics 178.7  
   hygiene 613.84  
   inspection of pub. helth 614.36  
   internal revenue 336.27  
   manufacture 679  
   pipes manufactures 679  
   state monopoly 336.19  
<sup>1</sup>Tobago, W. Indies hist. 972.98  
 Tobit Apocrypha 229.2  
 Tobogganing sports 796  
 Toe joints anatomy 611.7289  
 Toes " 611.987  
   extra deformities 617.36  
 Toggel joints engin'g 621.825  
 Toilet  
   articles customs 391.6  
   domestic economy 646.7  
   room furnishings 645.68  
   rooms dom. economy 643.52  
   lib. bildings 022.686  
 Token money numismatics 737  
   pol. econ. 332.4  
<sup>1</sup>Tokio history 952  
   travel 915.2  
<sup>1</sup>Toledo, O. history 977.113  
 Toleration, religious ethics 172.3  
<sup>1</sup>Tolland co. Ct. history 974.64  
   travels 917.464  
 Tollens, H. Dutch poetry 839.3154  
 Tolls, road and bridge 352.7  
 Toltec civilization hist. 972.011  
 Tomas, Bishop Swed. poet 839.7112  
 Tomb burial pub. helth 614.612  
 Tombs cemeteries 718  
   disposal of ded 393.1  
 Tornich Catalan misc. 849.9821  
 Tommaséo, N. Ital. essays 854.78  
<sup>1</sup>Tompkins co. N. Y. hist. 974.771  
 Tone color acoustics 534.5  
   physiology 612.85874  
 Tones, distinction of phys. 612.85874  
 Tongue, *see* Tung  
 Tonic  
   muscular contraction 612.74114  
   sol-fa vocal music 784.9  
 Tonicity reflex movements 612.82933  
 Tonics aids to digestion 615.7341  
<sup>1</sup>Tonkin history 959.9  
 Tonnage gaging 389  
   shipping 656  
 Tonsillae intestinales 611.3443  
**Tonsils anatomy** 611.322  
   diseases of 616.31  
   physiology 612.3122  
 Tools  
   bilding 690.7  
   bronze age 571.35  
   **machine** 621.9  
   **mechanic trades** 680  
   **mechanical engineering** 621.9  
   printing 655.21  
   stone age 571.25  
 Toothake dentistry 617.65  
**Tooth gears** 621.83  
 Topelius, Z. Swed. fiction 839.7366  
**Topical method instruction** 371.36  
 Topografic drawing 526.98  
   geodesy 526.9  
 Topografy  
   aerial 629.145  
   hygiene of ground 614.77  
   **maps** 912  
   military 623.71  
   surveying 526.99  
   thermic physiology 612.563  
 Torches chemic technol. 665.1  
   military engin'g 623.45442  
 Torelli, Achille Ital. drama 852.86  
 Tories Amer. pol. parties 329.8  
   revolution 973.314  
   Eng. polit. parties 329.942  
 Tornadoes meteorology 551.55  
<sup>1</sup>Toronto, Ont. history 971.3541  
 Torpedo  
   boats naval engineering 623.825  
   shells ordnance 623.4517  
 Torpedoes  
   explosivs 662.2  
   land military engin'g 623.26  
   naval " 623.95  
 Torrens system 333.3

Torres Naharro, B.	862.39	Trachyte lithology	552.24
Torsion engineering	620.11243	<b>Track elec. engineering</b>	<b>621.333</b>
molecular physics	539.3	road	625.14
Tortoises zoology	598.13	scales	625.18
Torts law	347.5	tanks	625.16
Torture customs of war	399	locomotiv	621.1363
law	340.3	Trackless trolley elec. eng.	621.33225
<b>persecutions</b>	<b>272</b>	Tract cathedral music	783.23
Total abstinence	178.2	societies	206
depravity doc. theol.	233.2	<b>Tractarianism Angl. ch.</b>	<b>283</b>
Totemism	392	<b>Traction, electric engin'g</b>	<b>621.33</b>
Touch anatomy	611.88	engins, steam	621.14
magnetism	538.2	Tractors, metallic cures	615.856
mental faculties	152.5	<b>Tracts, religious, practical</b>	<b>240</b>
<b>physiology</b>	<b>612.88</b>	on special topics see topic	
sensory functions	612.82559	Trade	
<sup>1</sup> Toulouse history	944.86	<b>administration</b>	<b>351.82</b>
travels	914.486	balance of commerce	382
<sup>1</sup> Touraine, France history	944.54	boards of architecture	725.25
Tournaments customs	394.7	commerce	381
Toussaint, A.L.G.B. Dut.fic.	839.3356	<b>catalogs bibliografy</b>	<b>015</b>
Towers		depressions commerce	381
aerial elec. lines	621.319225	money	332
architectural design	729.36	production	338
cooling steam plants	621.19764	domestic	381
suspension bridge	624.56	foren	382
water fire extinction	614.846	free	337.2
Towing canal engineering	626.7	<b>list of books, publishers</b>	<b>015</b>
Town halls architecture	725.13	marks copyright	655.62
<b>offisers local govt</b>	<b>352</b>	law	347.7
Townley plays Eng. dram.	822.13	patents	608
Towns		sales lib. book buying	025.223
German local govt	352.0435	schools	607
<b>government</b>	<b>352</b>	slave	326.1
laying out of hygiene of		winds meteorology	551.51
ground	614.781	Trades	
<b>sanitation of</b>	<b>628.4</b>	hygiene	613.6
Township Ger. local gov.	352.0436	labor in special	331.818
<b>Toxic action of blood</b>	<b>612.11822</b>	<b>mechanic</b>	<b>680</b>
swet	612.79212	unions polit. econ.	331.82
<b>Toxicity, urinary</b>	<b>612.462</b>	<b>useful arts</b>	<b>680</b>
<b>Toxicology therapeutics</b>	<b>615.9</b>	Trading companies	338.7
Toxins		stamps	658
in blood <b>physiology</b>	<b>612.11821</b>	Traditions	
physiology	612.3988	ecclesiastic polity	262.7
Toys amusements	793	folklore	398.1
domestic economy	649.55	Traduction orig. of the soul	129.2
inspection of pub. helth	614.37	Traffic	
Trachea anatomy	611.231	commerce	656
diseases of	616.23	in intoxicating drinks	178.4
physiology	612.2152	<sup>5</sup> Tragedies Eng. literature	822
Tracheal respiration zool.	591.126	Train	
Tracheotomy surgery	617.42	boats shipbilding	623.8234
Trachoma eye diseases	617.77		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Training			Transit		
laboring classes pol. ec.	331.86		out of meridian	522.44	
library schools	020.7		Transits astronomy	523.9	
qualifications	023.53 <sup>2</sup>		of Mercury	523.91	
of library executiv	023.42		Venus	523.92	
offis law education	340.7		Translating, art of	808	
physical hygiene	613.7		Translations		
outdoor sports	796		<i>Class with originals</i>		
school hygiene	371.7		principle of comp. phil.	418	
schools for teachers	370.7		Transliteration		
teachers	371.12		comparativ philology	411	
<sup>2</sup> special topics, see subject			in cataloging	025.3	
Trains railroad engin'g	625.2		Transmigration of souls	129.4	
Traitors			Transmission		
American revolution	973.381		heredity evolution	575.1	
biografy	923.41		hygiene	613.9	
Tramps pauperism	339		machinery of engin'g	621.8	
Tramways			of disease pub. helth	614.43	
city transit	388		elec. power engin'g	621.319	
electric engineering	621.33		physics	537.84	
engineering	625.6		force physics	531.8	
mining engineering	622.65		gases "	533.1	
Trance hypnotism	134		heat "	536.2	
Transactions gen. society	060		power mech. eng.	621.8	
<sup>2</sup> special topics, see subject			steam " "	621.185	
Transcendentalism	141		Transmitted disease hyg.	613.93	
Transcriptions			Transmitters		
orchestral music	785.9		telephone	621.3863	
piano "	786.48		wireless telephone	621.38461	
Transfer			Transmutation		
boards, telephone	621.3874		of energy physics	531.6	
systems, telephone	621.38563		metals chemistry	540.1	
Transferable			species evolution	575.2	
vote suffrage	324.224		Transoms gun mounts	623.4351	
Transformation			Transpiration		
of coordinates, loci in space	516.34		cutaneous physiology	612.793	
plane loci	516.14		of animals	591.129	
spheric astronomy	522.73		plants	581.129	
Transformations algebra	512.86		Transplanting		
Transformer			agriculture	634	
panels elec. engin'g	621.31725		organs physiol.	612.602	
substations " "	621.31263		teeth dentistry	617.68	
Transformers, auto el.eng.	621.3144		Transportation		
elec. eng.	621.3143		bildings architecture	725.3	
Transfusion of blood			criminal law	343.2	
physiology	612.1163		in mines	622.6	
therapeutics	615.65		military	355.6	
Transit			of animals animal hyg.	614.96	
bildings astronomy	522.13		fertilizers agric.	631.817	
circle astron. instrum.	522.34		the ded. pub. helth	614.63	
finding longitude by	525.48		sociology	380	
time by	529.71		useful arts	656	
instrument	522.34		Transporter		
mounting	522.27		bridges engin'g	624.86	

Transports shipbuilding	623.826	Treadmills punishments	343.2
Transposition of parts surg.	617.38	<b>Treason Amer. revolution</b>	<b>973.381</b>
Transubstantiation	265.3	law	343
Transudations physiology	612.381	Treasury	
<sup>1</sup> Transvaal, Africa history	968.2	notes paper money	332.5
Transversalis cervicis anat.	611.7313	U. S. administration	353.2
Transversals mod. geom.	513.52	Treaties	
Transverse		<b>international law</b>	<b>341.2</b>
mesocolon anatomy	611.383	Treatises	
system shipbuilding	623.84	<b>Am. and Eng. priv. law</b>	<b>347</b>
Transversospinales anat.	611.7316	<sup>2</sup> on special topics see subject	
Transversus thoracis anat.	611.7358	Treating temperance ethics	178.3
<sup>1</sup> Transylvania history	943.92	Treatment of	
Trap economic geology	553.57	captivs war customs	399
lithology	552.28	disease	616
Trapassi, Pietro Ital. dram.	852.57	<b>the ded customs</b>	<b>393</b>
Trapezium anat. of bones	611.71775	pub. helth	614.6
nervs	611.81776	Treaty	
Trapezius muscle anat.	611.73111	Bering sea U. S. hist.	973.86
Trapezoid body	611.81776	Hawaiian "	973.86
bone "	611.71776	of Paris Amer. revol.	973.317
Trapping business	639.1	U.S.war w. Spain	973.891
Trappists monastic orders	271.74	Washington	341.273
Traps		peace American revol.	973.317
domestic economy	648.7	powers legislativ bodies	328.346
in sewers sanitary eng.	628.256	Santo Domingo	973.82
steam pipe	621.1855	with Spain 1795 U.S.hist.	973.43
Traumatic fever surgery	617.26	1898 "	973.891
Traumatism	616.982	<sup>1</sup> Trebizond, Asia Turk. hist.	956.5
<sup>1</sup> Travancore, India history	954.8	Tredmills mech. engin'g	621.46
Travel clubs self educ.	374.21	punishments	343.2
cookery	641.575	Trees	
hygiene	613.69	<b>botany</b>	<b>582</b>
Travelers		forestry	634.9
<sup>3</sup> conversation books, Eng.	428.2	<b>fruit culture</b>	<b>634</b>
lives	923.9	in streets, sanitation	628.48
manuals for	910.2	ornamental	715
protection of pub. helth	614.86	road engineering	625.77
Traveling		Tremandreae botany	583.142
art of	910.2	Trematoda parasitic dis.	616.963
bridges engin'g	624.86	Tremellinae botany	589.224
clubs self educ.	374.25	Tremors, muscular physi.	612.7464
cranes engin'g	621.874	<sup>1</sup> Trempealeau co. Wis. hist.	977.549
grates "	621.18362	Trenches, defense mil. eng.	623.34
libraries lib. econ.	021.65	Trenching mil. engin'g	623.24
school	371.642	Trent	
salesmen suffrage	324.247	affair U. S. civil war	973.751
Travels, general	910	council of relig. history	270.6
scientific	508.3	creed of Pius 4	238.2
special, see subject		Trenton, N. J.	
Traverse tables surveying	526.91	battle Amer. revol.	973.3326
Trawlers boatbuilding	623.828	<sup>1</sup> history	974.966
Trays, book lib. econ.	022.943	Trepanning surgery	617.51
Treadmills mechan. eng.	621.46	Trepassey, ship Am. revo.	973.357
		Trephining surgery	617.51



Trestle bridges mil. eng.	623.653	Trigonometric leveling	526.38
Trestles		<b>Trigonometry</b>	<b>514</b>
bridge engineering	624.24	Trilobites paleontology	565.39
Tresury		zoology	595.39
notes paper money	332.5	<sup>1</sup> Trinidad history	972.98
U. S. administration	353.2	Trinitarians mon. order	271.79
Trial		<sup>1</sup> Trinity co. Cal. hist.	779.414
borings foundations	721.11	<b>doctrinal theology</b>	<b>231</b>
by ordeal law	340.3	Trios vocal music	784.83
civil	347.9	Tripe-cleaning air pollu.	614.742
court martial	344	Triple expansion	
criminal	343.1	engins	621.11266
ecclesiastic	262.9	stationary engins	621.1647
jury	340.4	Triplets obstetrics	618.25
state	343.1	Tripods	
Trials		field work geodesy	526.32
civil law	347.91	practical chemistry	542.24
criminal "	343.1	<sup>1</sup> Tripoli, Africa history	961.2
in library servis	023.57	Trips, school	371.393
military law	344	Triquetrum, os anat.	611.71773
Triangle musical instrum.	789.3	Trissino, G. G. Ital. drama	852.33
Triangles		Tritons zoology	594.3
differences of trigonom.	514.8	Trituration prac. chem.	542.22
plane geometry	513.14	Triumphs student life	371.89
trigonometry	514.5	Triurideæ botany	584.71
practical chemistry	542.24	Troas ancient history	939.21
spheric geometry	513.41	Trochilidæ ornithology	598.8
trigonometry	514.7	Trochlear	
Triangularis sterni anat.	611.7358	nervs anatomy	611.8314
Triangulation		physiology	612.8194
<b>computation of geodesy</b>	<b>526.4</b>	nuclei anatomy	611.8155
<b>field work</b> "	<b>526.3</b>	Trochoid joint "	611.72965
net theory of least sq.	526.53	Trofic nervs	
Triassic age geology	551.76	of skin physiology	612.798
Tribes form of state	321.2	<b>physiology</b>	<b>612.818</b>
Tribunes arch. accessories	729.92	Trojel, P. K. Dan. satire	839.8752
Triceps brachii anatomy	611.73724	P. M. " "	839.8751
surae "	611.73854	Trolley	
Trichinæ econ. zoology	591.69	arms elec. traction	621.3347
parasitic dis.	616.965	<b>lines</b> " "	<b>621.3322</b>
Trichiniasis public helth	614.562	systems deliv. of power	621.33152
Trichoptera entomology	595.74	Trolleys elec. traction	621.3347
Tricks, card amusements	793	Trollope, A. Eng. fiction	823.87
sleight of hand	791	Trombone wind instrum.	788.2
Tricuspid valvs anat.	611.12646	Trompes prac. chem.	542.77
Tricycling	796	<sup>1</sup> Tromso, Norway hist.	948.4
<sup>1</sup> Triest history	943.68	Troops	
travels	914.368	U. S. history civil war	973.74
Triewald, S. von Swed. poet.	839.7138	Mex. " "	973.624
Trifacial nervs anat.	611.8315	revolution	973.34
Trigeminus		Span. war	973.894
nerv anatomy	611.8315	war of 1812	973.524
nucleus "	611.8174	Trophic, <i>see</i> Trofic	
physiology	612.8195	Tropic plants	581.9

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Tropic regions		
Tropics		
clothing suitable to	646.092	
cookery for	641.592	
hygiene	613.11	
Trotting racing	798	
<b>Troubadours</b>	<b>849.1</b>	
Troughs		
pneumatic chemistry	542.73	
voltaic cells engin'g	621.3521	
Trousers	646.43	
Trout culture fishing	639.3	
fishing sports	799	
<b>Trouvères Fr. literature</b>	<b>841.1</b>	
Troy ancient history	939.21	
N. Y. "	974.741	
Troya, Carlo Ital. essays	854.73	
Truancy school disciplin	371.52	
Truces international law	341.3	
Truck system labor	331.235	
Trucks		
book library econ.	022.942	
electric motor cars	621.3347	
railway engineering	625.21	
Truffles gardening	635.8	
Trumbull, J: Amer. poet.	811.21	
Trumbull co. O. history	977.138	
ship Amer. revol.	973.356	
Trumpet wind instrum.	788.1	
Trunk making	685	
railways elec. eng.	621.33132	
Trunkfish zoology	597.5	
Trunking		
telephone switchboards	621.38741	
systems	621.38561	
Trunks telephone lines	621.38741	
Trussed		
arch bridge engin'g	624.7	
bridges engin'g	624.3	
Trusses		
bridge engineering	624.3	
surgery	617.92	
Trust companies banks	332.14	
<b>Trustees, library</b>	<b>023.3</b>	
room	022.611	
Trusts		
and trustees law	347.7	
corporations pol. econ.	338.8	
monopolies "	338.8	
Truth ethics	177.3	
Tryon in Conn. Am. revol.	973.3351	
Trypanosomiasis diseases	616.9681	
Trypsin physiology	612.3424	
<b>Tryptic digestion physiol.</b>	<b>612.342</b>	
Tuba wind instruments	788.48	
auditiva anat.	611.856	
Tuber cinereum anat.	611.8143	
Tuberaceæ botany	589.231	
Tubercle diseases	616.995	
Tuberculosis "	616.995	
public helth	614.542	
pulmonary diseases	616.246	
Tubers		
edible garden crops	635.2	
Tubes		
boiler engin'g	621.18453	
domestic economy	643.6	
Fallopian anatomy	611.656	
locomotiv boiler	621.1333	
pneumatic communica.	654.8	
dom. econ.	643.6	
lib. econ.	022.946	
porcelain chemistry	542.232	
speaking communica.	654.8	
dom. econ.	643.6	
lib. econ.	022.947	
strength of materials	620.11283	
sunken foundations	721.177	
Tubing, glass prac. chem.	542.231	
rubber " "	542.26	
Tubular boilers engin'g	621.18425	
bridges "	624.4	
furnaces prac. ch.	542.42	
Tubuli recti anatomy	611.6311	
Tubulous boilers engin'g	621.18426	
Tucker co. W. Va. hist.	975.483	
Tuckerman, H: T. Am. lit.	814.33	
Tudor architecture	724.4	
<b>Tudors English history</b>	<b>942.05</b>	
Irish "	941.55	
Tufa economic geology	553.58	
lithology	552.22	
Tuff "	552.22	
Tug valley, W. Va. hist.	975.446	
Tugs shipblding	623.8232	
Tuition fees schools	371.22	
Tulare co. Cal. hist.	979.486	
Tullahoma, Tenn. campaign	973.7342	
Tullin, K. B. Dan. poetry	839.8151	
<b>Tumors diseases</b>	<b>616.992</b>	
Tune sacred music	783.6	
Tung		
anatomy	611.313	
diagnosis pathology	616.072	
diseases of	616.31	
physiology	612.3123	
Tungstates mineralogy	549.74	

- Tungsten  
 filaments elec. lighting 621.32643  
 metals chemistry 546.78
- Tungusic language 494
- Tunicata zoology 594.9
- Tunics of eye  
 fibrous anatomy 611.841  
 physiology 612.841  
 vascular anatomy 611.842  
 physiology 612.842
- Tuning forks acoustics 534.3  
 piano 786.2
- <sup>1</sup>Tunis history 961.1  
 travels 916.11
- Tunneling  
 machinery, hydraulic 621.269  
 mining engineering 622.26  
 railroad " 625.13
- Tunnels aqueducts 628.14
- <sup>1</sup>Tuolumne co. Cal. hist. 979.445
- Tupelo, Miss. battle 973.7372
- Turanian languages  
 literatures 894
- Turbin wheel hydraulic 621.24  
 steam 621.165
- Turbinate bones anat. 611.21
- Turck's fasciculus " 611.8252
- Turell Catalan miscel. 849.9822
- Turf  
 burning agriculture 631.831
- <sup>1</sup>Turin history 945.1  
 travels 914.51
- <sup>1</sup>Turkestan history 958.4  
<sup>1</sup> East " 951.6
- Turkey in  
<sup>1</sup> Asia history 956  
 Europe  
 administration 354.496  
 botany 581.9496  
 finance 336.496  
 geology 554.96  
<sup>1</sup> history 949.6  
 maps 912.496  
 schools 379.496  
 statistics 314.96  
 travel 914.96  
 treaties 341.2496
- Turkish  
 architecture 723.3  
 baths architecture 725.73  
 customs 391.6  
 hygiene 613.46  
 harems customs 392.6  
 language 494
- Turkish  
 literature 894  
 power Greek history 949.505
- Turko-Russian war  
 Russian hist. 947.08  
 architecture 725.85
- Turneraceæ botany 583.455
- Turning  
 bridges engineering 624.83  
 lathes 621.94
- Turnouts railway engin'g 625.16
- Turnpikes road engin'g 625.7
- Turntables railway " 625.16
- Turpentine chem. tech. 665.3
- Turret mounts ordnance 623.4334
- Turtles  
 fishery 639.2  
 paleontology 568.13  
 zoology 598.13
- <sup>1</sup>Tuscany, Italy history 945.5  
 travels 914.55
- <sup>1</sup>Tuscarawas co. O. history 977.166
- Tuscarora indians 970.3
- <sup>1</sup>Tuscola co. Mich. history 977.445
- Tutor home education 373.1
- Twain, Mark Am. humor 817.44
- Twelfth nerv anatomy 611.83193  
 physiology 612.81993
- Twilight 525.7
- Twins, etc. obstetrics 618.25
- Two  
 book system lib. econ. 024.611  
<sup>1</sup>Mountains co. Que. hist. 971.425  
 phase elec. machinery 621.313322  
 trac. systems 621.331432  
 transmis. " 621.319132  
 wire elec. " " 621.319122  
 telephone systems 621.38536
- Tyler, J: presidency of 973.58  
 R. Amer. drama 812.21
- <sup>1</sup>Tyler co. W. Va. history 975.419
- Tympani, membrana  
 anatomy 611.855  
 ear diseases 617.85  
 physiology 612.855
- Tympanum  
 anatomy 611.854  
 ear diseases 617.84  
 physiology 612.854
- Type  
 and type setting printing 655.2  
 for books publishing 655.53  
 founders' occupat. hyg. 613.63  
 founding 655.21

Type			Uberti, F. degli Ital. poetry	851.17
writers	communication	652	Udall, N: English drama	822.22
	lib. admin.	025.153	<sup>1</sup> Uganda, Africa hist.	967.6
	servis	023.762	Uhland, J; L; Ger. poetry	831.73
Types			Ulcers surgery	617.24
<b>alternating current mach.</b>		<b>621.31332</b>	Ulna anatomy	611.7176
boat	naval architecture	623.82	Ulnar artery	611.13435
<b>boilers</b>	<b>engineering</b>	<b>621.1842</b>	Ulrich von Lichtenstein	
direct current machinery		621.31322	German poetry	831.28
furnaces	steam	621.1832	<sup>1</sup> Ulster co. Ireland history	941.6
locomotivs	" "	621.132	<sup>1</sup> N. Y. "	974.734
molecules	chem.	541.5	Ultramontanism Cath. ch.	282
ship	naval architecture	623.82	eccles. pol.	262.13
special, education of		371.97	<b>Umbellales</b> botany	<b>583.48</b>
<b>steam engines</b>		<b>621.112</b>	Umbelliferae	583.481
portable		621.152	Umbilic	
steam engines			artery anatomy	611.13771
stationary	mechanism	621.164	cord obstetrics	618.38
	use	621.162	mesenteric artery anat.	611.1364
traction		621.144	vein	611.1498
turbins		<b>621.1652</b>	Umbrella stands dom.econ.	645.61
Typhaceæ	botany	584.63	lib. "	022.922
Typhoid fever	pathology	616.927	Umbria ancient history	937.4
	pub. helth	614.511	<sup>1</sup> modern "	945.6
Typhus fever	pathology	616.922	<sup>3</sup> Umlaut Eng. orthog.	421.2
	pub. helth	614.526	Unciform bone anatomy	611.71778
Typografers	biografy	926.5	Unconsciousness metaphys.	127
<b>Typografy</b>		<b>655</b>	Unction, extreme theology	265.7
Typology	Bible	220.6	Underground	
Tyre	ancient history	939.44	contact elec. traction	621.3325
Tyrian architecture		722.3	railway stations, arch.	725.319
<sup>1</sup> Tyrol	history	943.64	slavery	326.973
	travel	914.364	U. S. civ. war	973.7115
<sup>1</sup> Tyrone, Ireland	history	941.64	roads	engineering 625.4
Tyrotaxon animal pois.		615.94	mining engin'g	622.62
Tyrtaeus	Greek lyr. poetry	884.1	water phys. geog.	551.49
			wiring elec. lines	621.31923
			Undershot wheels engin'g	621.23
			Understanding psychology	153
			Understudies lib. econ.	023.702
			Underwear dom. "	646.42
			Underwriters	
			rules elec. lighting	621.3281
			Undulation	
			dynamics	531.33
			sound	534.1
			Undulatory theory of light	535.1
			Unfair apportionment	328.3345
			<sup>1</sup> Ungava, Can. history	971.28
			Ungulata mammals	599.7
			Unicameral legislature	328.391
			Unicorns folklore	398.4
			Unification of Italy	945.09
			Uniform laws legislation	328.22

Uniformity			United States of America	
act of Eng. relig. hist.	274.2		coast survey	526
Uniforms			colleges	378.73
domestic	647		constitutional law	342.73
library	023.95		daughters 1776-1812 soc.	369.142
military equipment	355.81		education	370.973
esthetics	355.14		finance	336.73
Uninsulated conductors, elec.	621.31932		fine arts	709.73
Union			geology	557.3
act Can. history	971.039		government admin.	353
<b>Canadian history</b>	971.04		hereditary societies	369.1
<sup>1</sup> co. Ill. history	977.3995		<sup>1</sup> history	973
<sup>1</sup> Ind. "	977.262		laws	345
<sup>1</sup> Ia. "	977.785		<sup>5</sup> literature	810
<sup>1</sup> N. J. "	974.936		maps	912.73
<sup>1</sup> O. "	977.153		national bank U. S. hist.	973.41
<sup>1</sup> Pa. "	974.848		patriotic societies	369.1
prisoners of war ass'n	369.155		religious history	277.3
railroad stations arch.	725.313		sanitary com. charity	361
sovereign states	321.022		U. S. hist.	973.7771
veterans union	369.154		<b>schools, public</b>	379.73
Unionidæ zoology	594.1		ship U. S. war of 1812	973.525
Unionists in South			socialism	335.973
U. S. civil war	973.717		statistics	317.3
Unions			statutes	345
English local gov't	352.0424		travels in	917.3
trade polit. economy	331.88		treaties	341.273
Unique books rarities	094		war of 1812, military soc.	369.143
<b>Unisexuales botany</b>	583.95		society	369.141
Unit of work mechanics	531.41		zoology	591.973
Unitarian church	288		United States of Colombia	
<b>Unitarians biography</b>	922.81		<sup>1</sup> history	986
United			Units electric	537.7
Americans polit. soc.	363		physical	530.8
brethren sects	284.6		Unity	
colonies N. Eng. U. S. hist.	973.23		metaphysics	111
confederate veterans	369.174		of God doctrin	231
Empire loyalists Can. hist.	971.024		human race	572.1
<sup>1</sup> Kingdom history	942		knowledge	121
<sup>1</sup> Netherlands "	949.2		language	401
presbyterian church sects	285.4		nature	501
<sup>1</sup> Provinces history	949.2		territory pol. sci.	320.124
servis, military and naval	355		Univalvs mollusks	594.3
sons of confed. veterans	369.173		Universal	
United States of America			gravitation, law of mech.	531.51
administration	353		history	909
antiquities	913.73		joints mech. eng.	621.825
architecture	720.973		language	408.9
bank political econ.	332.11		military servis	355.2
U. S. history	973.56		suffrage	324.211
botany	581.973		Universala univ. lang.	408.9
boundaries	973		Universalism sects	289.1
Christian commission	267.11		<b>Universalists biography</b>	922.81
U. S. hist.	973.7781		Universals metaphysics	113

Universe astronomy	523.1	Ural-Altaic languages	494
Universities	378	literatures	894
architecture	727.3	Uranium chemistry	546.79
state and national	379.16	<b>Uranography astronomy</b>	<b>523</b>
University		Uranus planets	523.47
clubs, general	378.068	Urates physiology	612.461267
courts disciplin	378.113	Urban	
education	378.01	roads engineering	625.712
extension	378.13	Urchins, sea	
libraries education	371.647	fishery	639.6
lib. econ.	027.7	zoology	593.95
of the State of New York	379.747	Urea	
people's, library as the	021.2	<b>glandular system physiol.</b>	<b>612.4612</b>
<b>Universology cosmology</b>	<b>113</b>	physiology of liver	612.3531
Unofficial		nutrition	612.398193
ballot pol. sci.	324.351	Ureameters physiology	612.46121
legislativ lists	328.339	Uredineæ botany	589.225
Unregenerate doct. theol.	233.2	Uremia physiology	612.466231
Unstratified ores econ.geol.	553.15	Ureters anatomy	611.617
Upholstering		physiology	612.4671
mechanic trades	684	Urethra anatomy	611.623
Upholstery dom. econ.	645.4	female "	611.674
Upper		male "	611.623
<sup>1</sup> Austria history	943.62	diseases of	616.64
travels	914.362	Urfé, Honoré d' Fr. fiction	843.41
<sup>1</sup> Bavaria history	943.36	Uric acid	
travels	914.336	physiology of kidneys	612.46125
<sup>1</sup> Canada history	971.3	nutrition	612.398193
travels	917.13	Urin	
chamber legis. bodies	328.31	chemic analysis	543.9
<sup>1</sup> Egypt history	962.3	<b>physiology</b>	<b>612.46</b>
travels	916.23	study of disease	616.076
<b>extremities anatomy</b>	<b>611.97</b>	Urinals	
bones "	611.717	air pollution	614.764
deep veins "	611.14541	public sanitation	628.45
joints "	611.727	Urinary	
lymph glands "	611.467	organs anatomy	611.6
lymphatics "	611.4217	diseases	616.63
muscles "	611.737	secretion physiol. zool.	591.149
superfic. veins "	611.14546	<sup>4</sup> Uriya language	491.45
<sup>1</sup> Franconia history	943.31	Urobilin physiology	612.46127
travels	914.331	Urochrome "	612.46127
<sup>1</sup> Guinea history	966.5	Urodela batrachia	597.9
travels	916.65	Urogenital sinus anat.	611.629
house legislativ bodies	328.31	Ursulines sisterhoods	271.974
<sup>1</sup> Palatinate history	943.34	Urticaceæ botany	583.962
travels	914.334	Urticaria diseases	616.51
Silurian group geology	551.732	<sup>1</sup> Uruguay history	989
Syria ancient history	939.41	Usages, social etiquet	395
Uprisings		Use of	
political	323.2	library, free lib. econ.	024.28
<sup>1</sup> Upshur co. W. Va. hist.	975.462	<sup>3</sup> words Eng. philology	428.3
Uptakes steam engin'g	621.18382	Useful arts	600
Urachus anatomy	611.622	biography of	926

Usefulness of				Vacancies	
animals	econ. zoology	591.61		legislativ bodies	328.3357
plants	econ. botany	581.61		Vacation	
Ushers	library servis	023.78		closing	lib. economy 024.44
Ustilagineæ	botany	589.227		loans	" " 024.612
Usury	banking	332.8		schools	374.8
	law	347.7		terms	universities 378.14
Utah, U. S.				Vacations	
acquisition	Mex. war	973.621		hygiene	613.76
admission	U. S. hist.	973.87		laboring classes	331.816
<sup>1</sup> history		979.2		library economy	024.44
mil. hist.	U. S. civ. war	973.7492		staff	023.66
	Spanish war	973.89492		school	education 371.23
Utensils				teachers	" 371.167
kitchen		643.35		Vaccinal syphilis	cont. dis. 614.4733
special for cooking		641.58		Vaccination	cont. diseases 614.473
Uterin artery	anatomy	611.13773		Vacciniaceæ	botany 583.61
	circulation	physiol. 612.6271		Vaccinization	contag. dis. 614.4735
	ligaments	anat. 611.667		Vacuum	
Uterins	therapeutics	615.766		cleaners	dom. economy 648.52
Utero-ovarian	nervs anat.	611.8393		mech. engin'g	621.55
Uterus				lamps	elec. lighting 621.3273
anatomy		611.66		machines	refrigeration 621.575
diseases of women		618.14		pump	chem. apparatus 542.77
inversion in labor		618.57		regulators	" " 542.77
masculus	anatomy	611.6231		Vagabonds	pauperism 339
physiology		612.627		Vagina	
<sup>1</sup> Utica, N. Y.	history	974.763		admin. of med. by	615.66
Utilitarianism	ethics	171.5		anatomy	611.671
Utility of philosofoy		101		diseases of women	618.15
<sup>2</sup> special subjects	see subject			Vaginal artery	anatomy 611.13773
Utopias	polit. science	321.07		nervs	" 611.839
Utrecht, Peace of	Eur. hist.	940.7		Vagrancy	pauperism 339
Utricle	anatomy	611.8525		Vagus	
	physiology	612.8582		nerv	anatomy 611.83191
Uveal tract	anatomy	611.842		hart	612.1781
	physiology	612.842		larynx	612.7822
Uvula	anatomy	611.315		physiology	612.81991
				respiration	612.287
				stomach	612.3272
				nuclei	anatomy 611.8187
				nucleus and respiration	612.282
				Valdés, J. M.	Span. poetry 861.46
				<sup>1</sup> Valencia	history 946.7
				travels	914.67
				Valencias	chemistry 541.39
				Valerian	therapeutics 615.789
				Valerianeæ	botany 583.531
				Vallenberg, J.	Swed. fiction 839.7342
				Valley Forge	Amer. revol. 973.3341
				Valleys	phys. geografy 551.43
				Valois, house of	Fr. history 944.025
				Valsalva, sinuses of	anat. 611.1265
				Valuation	tax assessm't 336.29

Value		Vaporization	
economic, of fertilizers	631.815	heat	536.44
of moneys, comparativ	332.45	practical chemistry	542.48
old books lib. econ.	025.223	Vapors	
political economy	330.1	inhalation of hygiene	613.62
standards of money	332.42	meteorology	551.57
thermodynamic, of		properties of	533.1
albuminoses physiol.	612.398172	<sup>1</sup> Var, France history	944.93
albumins "	612.3985	Varangian kingdom hist.	947.02
carbohydrates "	612.3965	Varchi, B. Ital. essays	854.38
fats "	612.3975	Variable	
food "	612.3925	stars astronomy	523.84
peptones "	612.398172	temperature hygiene	613.64
Values		Variables	
average probabilities	519.6	complex algebra	512.82
educational curriculum	375	calculus	517.8
food dom. economy	641.1	Variation	
Valv		evolution	575.2
bugle musical instru.	788.47	in animals phys. zool.	591.15
gearing mech. eng.	621.84	negativ physiol. of cells	612.0144232
motions " "	621.84	nervs	612.8132
Valvs		of compass	522.76
blowout steam "	621.18479	elements of orbit	521.34
hydraulics	532.55	Variations	
of hart anatomy	611.1263	calculus of	517.4
physiology	612.1713	of animal heat physiol.	612.55
safety steam engin'g	621.18473	longitude and latitude	521.28
sewer appurtenances	628.257	right ascen. and declin.	521.27
steam locomotiv	621.1342	piano music	786.48
pipe	621.1854	Varicosities, nerv histology	611.01883
turbin design	621.16535	Variety vs monotony	
Valvulae conniventes anat.	611.3414	library work	023.701
Valylene organ. chem.	547.24	Variolation contag. dis.	614.472
Vampire folkore	398.4	Varioloid diseases	616.912
zoology	599.4	Varnishes chem. technol.	667.7
Vanadates mineralogy	549.72	Varnishing painting	698.3
Vanadium group chem.	546.85	Varnishmaking air pollu.	614.736
Vanbrugh Eng. drama	822.47	Varying speed motors	621.313248
Van Buren, M. presidency	973.57	Vas aberrans anatomy	611.1354
<sup>1</sup> Van Buren co. Ia. hist.	977.798	deferens "	611.634
1 Mich. "	977.413	Vasa aberrantia "	611.633
<sup>1</sup> Vancouver iland "	971.1	brevia artery "	611.13642
Vandals "	943.01	efferentia "	611.6311
<sup>1</sup> Vanderburg co. Ind. "	977.233	recta "	611.6311
<sup>1</sup> Van Dieman's Land "	994.6	Vascular system anatomy	611.1
<sup>1</sup> Van Wert co. O. "	977.141	diseases	616.1
Vanes steam turbin design	621.16532	physiology	612.1
theory	621.16512	Vases domestic economy	645.5
Vapor		pottery	738
baths therapeutics	615.853	Vasoconstrictors physiol.	612.183
engins, binary mech.eng.	621.44	Vasodilators "	612.184
exhalation physiology	612.25	Vasomotors	
lamps elec. lighting	621.327	cerebral physiology	612.8243
		influence on temperature	612.531



Vasomotors			Vegetable		
<b>physiology</b>	<b>612.18</b>		trades	air pollution	614.73
Vasquez de Coronado			<b>world botany</b>		<b>580</b>
discovery of America	973.16		Vegetables		
Vassal states	pol. sci.	321.028	and animals	physiol.	612.0135
Vassalage		321.3	cand, inspec. of, pub. health		614.318
Vassar college		376.8	field crops		633
Vastus muscles	anatomy	611.73822	fresh, inspec. of, pub. health		614.316
Vater, process of	"	611.367	<b>garden crops</b>		<b>635</b>
Vatican council, 1870		262.13	preservation	chem. tech.	664.8
Vaticination prediction		133.3	Vegetarianism	hygiene	613.26
Vats voltaic cells		621.3521		physiol.	612.39271
Vattemare exchange syst.		021.852	<b>Vegetation</b>	<b>botany</b>	<b>580</b>
<sup>1</sup> Vaucluse, France history		944.92	Vehmgericht	criminal law	343.43
Vaudois	Christian sects	284.4	Vein, fluid	hydraulics	532.52
	persecution	272.3	Veins	admin. of med. by	615.65
<sup>1</sup> Vaudreuil co. Que. hist.		971.426	<b>anatomy</b>		<b>611.14</b>
Vaulting athletics		613.72	diseases		616.14
Vaults			geology		551.88
air pollution		614.764	mineral	econ. geol.	553.19
<b>architectural construc.</b>	<b>721.43</b>		Veldeke, H. van	Dut. poet.	839.3112
design		729.34	Vellum books	rarities	096
carvd arch. decoration		729.58	Velocipedes		629.2
disinfection	contag. dis.	614.48	Velocity		
painted arch. decor.		729.48	in sewers	sanit. eng.	628.219
receiving architect.		726.8	of light	optics	535.2
suffocation in	prot. of life	614.82	liquids	hydraulics	532.57
Vector, equation of radius		521.38	sound	acoustics	534.2
Vedas Sanskrit literature		891.2	tide wave	tides	525.65
Vedel, A. S.	Dan. misc.	839.883	turbins	engineering	621.16522
Vega, G. de la Span. poet.		861.31	Velum		
Carpio, L. F. de		862.31	interpositum	anat.	611.8192
Vegetable			medullare, posterior		611.81711
<b>anatomy</b>	<b>comparativ</b>	<b>581.4</b>	superior		611.8163
descriptiv		<b>581.7</b>	<b>Vena cava, inferior</b>	<b>anat.</b>	<b>611.146</b>
<b>chemistry</b>		<b>547</b>	superior	"	<b>611.145</b>
diet	hygiene	<b>613.26</b>	<sup>1</sup> Venango co. Pa.	history	974.896
drugs	mat. med.	<b>615.32-3</b>	<sup>1</sup> Vendée, France	"	944.61
fats	chem. tech.	665.3	war in	Fr. "	944.042
food	dom. econ.	641.3	Vendors	law	347.7
hygiene		<b>613.26</b>	Veneer	manufacture	674
physiol.		<b>612.3927</b>	Veneering	arch. decor.	729.6
forms	decora. in relief	729.51	cabinet work		684
painted decora.		729.41	<b>Venereal diseases</b>		<b>616.95</b>
irritants	poisons	615.93	Venery, excessiv, effects of		616.984
manures	agric.	<b>631.87</b>	Venesection	therapeutics	615.811
markets	dom. econ.	641.4	Venetia	ancient history	937.3
materials	engin'g	620.197	<sup>1</sup> modern	"	945.3
nitrogen	fertilizers	631.847	Venezuela		
oils	chem. tech.	665.3	boundary	U. S. history	973.87
parasites	diseases	616.969	<sup>1</sup> history		987
<b>physiology</b>		<b>581.1</b>	travel		918.7
poisons	toxicology	<b>615.9</b>	<sup>1</sup> Venice	history	945.3
substances, analysis of		543.8	travels		914.53

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Venom poisoning	physiol.	612.3145	Vermiform appendix	
Venoms	comp. physiol.	612.314	surgery	617.55
Venous			Vermifuges	therapeutics 615.733
blood	physiology	612.114	<sup>1</sup> Vermilion co. Ill.	history 977.365
circulation	"	612.134	<sup>1</sup> Ind.	" 977.246
duct of Arantius		611.1497	Vermont, U. S.	
pulse	physiology	612.1342	admission	U. S. history 973.41
thrombosis,	puerperal	618.77	<sup>1</sup> history	974.3
Vent	ordnance	623.4242	For military history, see subdivisions of Special campaigns and Military history under 973.3, 973.7 and 973.89	
Ventilating	science	536.84	<sup>1</sup> Vernon co. Mo.	history 977.844
Ventilation			<sup>1</sup> Wis.	" 977.573
blding		697.9	<sup>1</sup> Verona, Italy	" 945.3
library	economy	022.89	travels	914.53
mining	engineering	622.4	Verplanck, G. C.	Am. sat. 817.25
of house	dom. econ.	644.5	Verrazano	discov. of Am. 973.18
kitchen	"	643.32	Versailles	description 914.436
school	buildings	371.628	<sup>1</sup> history	944.36
pulmonary	physiol.	612.2162	<sup>3</sup> Verse, science of	416
sanitary	engineering	628.8	textbooks for writ'g	426.8
sewers	"	628.23	<sup>3</sup> Versification	Eng. prosod. 426.2
Ventilators	sewer appurte.	628.256	Version	obstetric opera. 618.82
Ventricle			Vertebrae	anatomy 611.711
of brain,	3d anatomy	611.8148	Vertebral	
4th	"	611.8185	artery	" 611.1349
5th	"	611.8139	articulations	" 611.721
Ventricles			colum	" 611.711
of brain,	lateral anat.	611.8138	Vertebrates	paleontology 566
hart	"	611.124	zoology	596
larynx	"	611.224	Vertical	
Ventricular	coronary vein	611.1493	impulse wheels	621.233
Ventriloquism	amusem'ts	791	marine engines	621.1224
physiol.		612.7895	prime	astronomy 522.47
<sup>1</sup> Ventura co. Cal.	hist.	979.492	steam engines	621.11244
Venus	planets	523.42	Vertigo	
transits	astron.	523.92	diseases	616.841
Vera Cruz, Mexico			physiology	612.8863
battle	Mex. history	972.05	Verumontanum	anat. 611.6231
U. S.	"	973.6237	Vesical	
<sup>1</sup> history		972.6	apparatus,	innervation 612.4673
Veranda	furniture	645.8	artery,	inferior anat. 611.13772
Veratrum	group therapeu.	615.716	superior	" 611.13771
Verbal			nervs	" 611.839
<sup>3</sup> forms	Eng. etymol.	422.8	Vesicants	therapeutics 615.774
<sup>3</sup> syntax		425.8	Vesicles,	seminal anat. 611.636
<sup>3</sup> inflection	morphol.	425.18	Vesicular	affections of skin 616.52
Verbatim	reporting	653.046	Vespers	
Verbenaceæ	botany	583.88	Anglican ritual	264.034
<sup>1</sup> Verchères co. Que.	history	971.436	music	783.2
Verga, Giovanni	Ital. fic.	853.84	Vespucci	discov. of Amer. 973.16
Verification			Vessel, J. H.	Dan. poetry 839.8153
of legislativ	powers	328.36	Vessels	shipblding 623.8
Vermes	articulates	595.1		
Vermiform	appendix anat.	611.3452		
physiol.		612.363		

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

- Vestibular  
 ganglion anatomy 611.89185  
 nerv anatomy 611.83185  
 nucleus " 611.8178
- Vestments 247.7
- Vesuvius volcanoes 551.21
- Veteran relief union, woman's 369.162
- Veterans societies  
 association, confederate 369.172  
 national ass'n of naval 369.157  
 of Mexican war 369.146  
 regular army and navy 369.112  
 Spanish war 369.181  
 union, Union 369.154  
 U.S. army, soc. of sons of 369.165
- Veterinary  
 medicin 619  
 sanitation pub. helth 614.9
- Veto  
 overriding legis. proced. 328.375  
 pocket " " 328.375  
 power of president 353.03
- Viaducts bridges 624
- Viaticum sacrament 265.7
- Viau, T. de French satire 847.41
- Vibratil cilia physiol. 612.72
- Vibration  
 acoustics 534.5  
 dynamics 531.32
- Viburnum uterins 615.766
- Vice  
 administration 351.76  
 crime 343  
 education 379.21
- Vicente, Gil Span. drama 862.22
- Vices ethics 170
- Vicksburg  
 naval hist. U.S. civ. war 973.753  
 siege " 973.7344
- Vicq-d'Azyr, bundle of 611.8142
- Victor Emanuel Ital. hist. 945.09
- Victoria, Queen Eng. " 942.081  
 Scot. " 941.08
- <sup>1</sup>Victoria, Australia " 994.5  
<sup>1</sup> co. N. B. " 971.553  
<sup>1</sup> N. S. " 971.693  
<sup>1</sup> Ont. " 971.364
- Victorian Gothic architec. 724.4
- Vienna  
 congress of Europ. hist. 940.8  
 interna. law 341.1
- <sup>1</sup> history 943.61  
 travels 914.361
- <sup>1</sup>Vienne, France history 944.63
- Vieussen's valv anat. 611.8163
- Vignettes engravings 760
- Vigny, A. V. Fr. drama 842.75  
 poetry 841.76
- <sup>1</sup>Vigo co. Ind. history 977.245
- Vikanera language 491.43
- Vikings history 948.01
- <sup>1</sup>Vilas co. Wis. history 977.523
- Village  
 communities 321.2  
 homes architecture 728.6  
 newspapers 070.236
- Villains feudalism 321.3
- Villari, P. Ital. essays 854.84
- Villas architecture 728.84
- Villemain, A. F. Fr. essays 844.72
- Villenage feudalism 321.3  
 social classes 323.34
- Villi, lacteal anat. 611.4265
- Villon, François Fr. poetry 841.25
- Vincennes, Ind. Am. revol. 973.3348
- Vincent de Paul, sisterhood 271.91
- Vinci, Leonardo da Ital. lit. 854.25
- Vinciguerra, A. Ital. satire 857.23
- Vindelicia anc. history 939.83
- Vindications  
 American revolution 973.38  
 U. S. civil war 973.78  
 war of 1812 973.528
- Vine culture agriculture 634.8
- Vinegar making  
 air pollution 614.733  
 chemic technology 664.5
- Vines botany 581.5
- Vineyards 634.8
- <sup>1</sup>Vinton co. O. history 977.1837
- Viola stringd instruments 787.2
- Violarieæ botany 583.135
- Violets horticulture 716.2
- Violins stringd instrum. 787.1
- Violoncello " " 787.3
- Virgil Latin epic poetry 873.1
- <sup>1</sup>Virgin ilands history 971.97  
 travels 917.197
- Virgin Mary biography 225.92  
 catholic doc. 230.2
- Virginia, U. S.  
 British in Amer. revol. 973.3374  
<sup>1</sup> history 975.5
- For military history, see sub-  
 divisions of Special campaigns  
 and Military history under  
 973.3, 973.52, 973.7 and  
 973.89
- secession U. S. history 973.713

<sup>1</sup> Virginia, West	history	975.4	Vivisection		
	travels	917.54	animal anatomy		591.7
	For military history, see sub-		ethics		179.4
	divisions of Special campaigns		laws public helth		614.23
	and Military history under		physiology		612.077
	973.52, 973.7 and 973.89		Vocal		
Virginitv	relig. asceticism	248	cords anat.		611.225
Virginius incident	U.S.hist.	973.82	false anat.		611.223
Virtues		170	culture elocution		808.5
Viscosity of blood	physiol.	612.11814	music		784.9
Visibility of stars	astron.	523.82	hygiene, etc.		784.9
Visible speech	phonology	414	music		784
Visigoths	German history	943.01	organs acoustics		534.7
Vision			comp. physiol.		612.786
disorders blind asylums		362.4	diseases of		616.2
diseases of eye		617.75	human anatomy		611.2
mental faculty		152.1	innervation		612.819923
optics		535.7	physiology		612.78
organs of anatomy		611.84	Vocalists' lives singers		927.8
physiology		612.84	Vocational education		371.42
Visions and dreams		135	Vochysiaceæ botany		583.145
Visitation			Voice		
and search internat. law		341.3	elocution		808.5
pastoral		253	physiology		612.78
Visitations	Eng. heraldry	929.726	<sup>3</sup> signs Eng. etymol.		422.8
Visits, school educ. methods		371.393	singing		784.9
Visscher, M. T.	Dut. poet.	839.3133	Volapük universal lang.		408.91
Visual			Volcanic		
acuteness physiol.		612.84363	ashes lithology		552.22
angle optics		535.7	rocks "		552.2
impressions, persistence		612.8435	tufa "		552.22
sensibility physiology		612.84363	Volcanoes physical geol.		551.21
Vital			Volition, <i>see</i> Will		
capacity respiration		612.24	Volkslied vocal music		784.4
force biology		577.6	<sup>1</sup> Vologda, Russia history		947.2
functions animals		591.1	Voltage meters elec. eng.		621.3743
man		612	Voltaic		
phenomena biology		577	cells engineering		621.35
statistics population		312	electricity physics		537.5
pub. helth		614.1	Voltaire, F. M. A. de		
Vitalis	Swedish satire	839.7762	French drama		842.56
Vitalism	biology	577.6	fiction		843.54
	physiol.	612.0134	Voltmeters elec. eng.		621.3743
Vitality	zoology	591.139	Volume		
Vitellin sac	embryology	611.01381	chemic apparatus		542.35
Vitreous			of muscle physiol.		612.7412
humor anatomy		611.8447	organs "		612.189
	eye diseases	617.74	Volumetric		
	physiology	612.8447	analysis chemistry		545.5
Vitrified			geometry		513.3
brick pavements road eng.		625.87	Voluntary music		786.87
Viva voce			Volunteers army		355.2
vote legislativ proced.		328.375	soc. of loyal		369.153
Vivipara	generation	591.168	U. S. civ. war		973.7412

Topics in black face type are subdivided. Superior figures refer to the tables at the end of this index

Vomer anatomy	611.7159	<sup>1</sup> Wabash co. Ill. history	977.378
Vomiting diseases	616.33	<sup>1</sup> Ind. " "	977.283
physiology	612.3277	Wace, Robert Fr. poetry	841.12
Vomitories physiology	612.3278	Wadmar, J. A. Swed. sat.	839.7761
therapeutics	615.731	Wadskjær, K. F. Dan. poet.	839.8146
Vondel, J. van der Dut. lit.	839.3132	Wage	
Voodooism	133.4	fund polit. econ.	331.212
Voorhees silver act U.S.hist.	973.87	living " "	331.214
Vorm, Jacob Dan. poetry	839.8138	minimum " "	331.215
Vortex rings molec. phys.	539.1	scales " "	331.22
Vos, Jan Dutch drama	839.3234	Wagenaar, Jan Dut. misc.	839.384
<sup>1</sup> Vosges, France history	944.39	Wager of battle legal antiq.	340.3
Vosmaer, Jacob Dutch fic.	839.3352	Wagers ethics	175.9
Voss, J; H; Ger. poetry	831.65	Wages	
Vote		attachment of	347.7
announcements suffrage	324.261	bases of polit. econ.	331.23
class " "	324.214	domestic economy	647.7
legislativ procedure	328.375	for state labor	331.262
majority legis. bod.	328.3355	in special countries	331.29
plural suffrage	324.213	trades	331.28
plurality legis. election	328.3355	labor and polit. econ.	331
result elections.	324.26	work at reduced	331.5
Voters qualifications	324.1	Wagner, Battery, S. C.	
Voting		U. S. civil war	973.7351
compulsory suffrage	324.215	Wagnerian music	782.2
in person legis. proced.	328.375	Wagons manufacture	684
machines pol. sci.	324.258	Waiting room lib. bldgs	022.682
suffrage	324	Waitresses dom. econ.	647.25
Votingplace suffrage	324.246	Wake funeral customs	393.9
Vowel production physiol.	612.7894	Wakefulness insomnia	613.86
<sup>3</sup> Vowels Eng. language	421.2	<sup>1</sup> Waldeck, Germany hist.	943.57
Vows asceticism	248	Waldenses persecutions	272.3
Voyages		sects	284.4
Antarctic	919.9	Waldflute wind instrum.	788.5
Arctic	919.8	Waldis B. Ger. poetry	831.42
round the world	910.4	<sup>1</sup> Waldo co. Me. history	974.15
scientific	508.3	<sup>1</sup> Wales history	942.9
travels	910.4	language	491.66
<sup>3</sup> Vulgarisms Eng. lang.	428.3	Walker's filibuster exped.	
Vulgate Bible	220.47	Nicaragua history	972.85
Vulva anatomy	611.673	U. S. history	973.66
diseases of women	618.16	Walking	
Vulvo-vaginal glands	611.677	animal locomotion	591.47
		matches amusements	796
		pedestrianism	613.72
		school hygiene	371.737
		Walks landscape gard'ng	713
		Wall	
		coverings dom. econ.	645.2
		decoration school bldgs	371.634
		lamps dom. econ.	644.325
		papers decoration	745
		manufacture	676
		paper hanging	698.6

Wall			
papers			
inspection pub. helth	614.37		
street banking	332.6		
<sup>1</sup> Wallachia history	949.8		
<sup>4</sup> Wallachian language	459		
<sup>5</sup> literature	859		
Waller, E. Eng. poetry	821.44		
Wallin, J. O. Swed. poet.	839.7162		
Walls			
architectural construc.	721.2		
design	729.31		
incrusted arch. decora.	729.61		
mosaic " "	729.72		
painted " "	729.49		
schoolroom educ	371.634		
Walpole, H. Eng. letters	826.61		
Walruses zoology	599.7		
Walther von der Vogelweide	831.27		
Waltz music	786.46		
Waltzing amusements	793		
ethics	175.3		
<sup>1</sup> Walworth co. Wis. hist.	977.589		
Wandering Jew legends	398.2		
<sup>1</sup> Wapello co. Ia. history	977.793		
War			
captures law	341.3		
cause of "	341.3		
civil U. S. history	973.7		
customs of	399		
dances	399		
department, U. S.	353.6		
ethics	172.4		
French and Indian	973.26		
law of	341.3		
Mexican U. S. history	973.62		
ministries of architec.	725.12		
of 1812 Can. hist.	971.034		
society	369.141		
U. S. history	973.52		
roses Eng. history	942.04		
revolutionary U.S. "	973.3		
rockets mil. engin'g	623.45432		
science and art of	355		
woman in woman's pos.	396.9		
Warblers birds	598.8		
Ward, Artemus Am.humor	817.37		
E: English humor	827.51		
N. American satire	817.11		
Ware, W: " fict.	813.25		
Warehouses architecture	725.35		
bonded " "	725.14		
Warm baths " "	725.73		
hygiene	613.42		
Warmers, bed	644.19		
Warming			
bilding	697		
pans	644.19		
sanitary engineering	628.8		
science	536.83		
Warner, C: D. Am. satire	817.41		
Warnings omens	133.3		
Warpt surfaces descr.geom	515.17		
Warrants law	343		
Warren, M. Am. drama	812.11		
<sup>1</sup> Warren, Ill. history	977.341		
co. Ind. "	977.296		
Ia. " "	977.782		
Mo. " "	977.8386		
N. J. " "	974.978		
N. Y. " "	974.751		
O. " "	977.176		
Pa. " "	974.867		
<sup>1</sup> Warrick co. Ind. "	977.232		
<sup>1</sup> Warsaw " "	947.5		
travels	914.75		
Warships			
shipbilding	623.825		
Warts skin diseases	616.54		
<sup>1</sup> Warwick, England hist.	942.48		
<sup>1</sup> Washburn co. Wis. "	977.515		
Washing			
housecleaning	648.54		
laundry	648.1		
machines dom. econ.	648.23		
practical chemistry	542.69		
Washington, George			
presidency of U.S. hist.	973.41		
Washington			
city, D. C. burning	973.5238		
capital of U.S.	973.44		
history	975.3		
travels	917.53		
co. Ill. history	977.388		
Ind. " "	977.222		
Ia. " "	977.792		
Me. " "	974.14		
Md. " "	975.291		
Mo. " "	977.864		
N. Y. " "	974.749		
O. " "	977.198		
Pa. " "	974.882		
R. I. " "	974.59		
Vt. " "	974.34		
Wis. " "	977.591		
Fort Am. revol.	973.3324		
state			
admission U.S.hist.	973.86		

Washington		
state		
<sup>1</sup> history		979.7
mil. hist.	Spanish war	973.89497
	U S.civ.war	973.7497
treaty of		341.273
Washingtonian homes		
architecture		725.65
Washington's		
birthday	in schools	371.365
hedquarters	Am. revol.	973.367
<sup>1</sup> Washtenaw co. Mich.	hist.	977.435
Wasp and		
Frolic	U. S. war 1812	973.525 <sup>1</sup>
Reindeer	" " "	973.5255
Wasps	insects	595.79
Waste		
and repair	biology	577.2
repair of	animal physiol.	591.136
Wastes		
air pollution	pub. helth	614.7
boiler fuels	engin'g	621.18225
domestic	dom. econ.	648.5
	sanitation	628.44
factory	"	628.54
sewage disposal		628.3
Watches	horology	529.78
	manufacture	681
Watchmaking		681
Watchman	lib. economy	023.792
Water		
artificial ponds, etc.		714
as beverage	hygiene	613.31
assimilation	physiol.	612.3923
baths	prac. chemistry	542.46
blast	hyd. mach.	621.269
	physics	532.85
chemic analysis		543.3
closets	air pollution	614.764
	house drainage	628.6
colors		751
courses, natural	hygiene	614.772
cure	therap.	615.853
diuretics	"	615.761
engins	mech. eng.	621.2
exhalation from lungs		612.25
falls	phys. geografy	551.48
filters	hygiene	613.35
food value		641.16
force of	engineering	627.1
fowl	zoology	598.3
gages	steam engin'g	621.18472
gas	heating	697.6
geologic action		551.92

Water		
glass	chem. tech.	666.1
	fireproofing	614.841
	preservativ	691.1
hot, cookery		641.587
	cooking appliances	643.338
hydraulics		532
ices	dom. economy	641.86
inorganic chemistry		546.11
lilies	botany	583.118
	horticulture	716.2
marks		676
mesology		612.014461
meteorology		551.57
microscopic anal.	hyg.	613.33
of crystallization	chem.	541.8
physical geografy		551.4
pipes	high pressure	621.253
	hydraulics	532.54
	sanitary eng.	628.15
pollution from cemeteries		614.651
power electric plants		621.312134
	hydraulic engin'g	627
	mech. eng.	621.2
pressure engins		621.25
products		338.3
quantity in organisms		612.0144613
ram engineering		621.27
	hydraulics	532.83
supply	canal engin'g	626.2
	rural	628.7
	sanitary engin'g	628.1
tables	walls	721.25
tight linings	drainage	622.56
towers	fire extinction	614.846
travel	protoc. of life	614.864
tube boilers		621.18426
underground	phys. geog.	551.49
vapor, exhalation	physiol.	612.25
ways	administration	351.813
wheels	hydraulics	532.84
	mech. eng.	621.21
works		628.1
	city admin.	352.6
Waterers, locomotiv		621.1363
<sup>1</sup> Waterford, Ireland	hist.	941.91
Watering		
place bildings	arch.	725.75
places	hygiene	613.12
Waterline		
belt	armoring	623.9
Waterloo		
battle of	Fr. history	944.05

Waterloo				Wedding customs	392.5		
<sup>1</sup> city, Ia.	history	977.7371		Wedge	physics	531.86	
<sup>1</sup> co. Ont.	"	971.344			bones, carpal anat.	611.71773	
Waterproofing	ilding	691			tarsal "	611.71878	
Waters				Wedgewood ware	pottery	738	
	carbonated	hygiene	613.38	Weeds	econ. botany	581.6	
	mineral	adulterations	614.348		pests	632	
		artificial	663.6	Week, names of days of		529.2	
		hygiene	613.38	Weekly half holiday, lib.		023.651	
		therapeutics	615.79		rest labor classes	331.817	
Watt				Weems	prehistoric arch.	571.82	
	hour meters	elec. eng.	621.3745	<b>Weighing</b>	<b>chemistry</b>	<b>542.32</b>	
	meters	" "	621.3746	Weight			
	ship	Amer. revol.	973.356		chemic apparatus	542.32	
<sup>1</sup> Waukesha co. Wis.	hist.		977.593		of earth	525.11	
<sup>1</sup> Waupaca co. Wis.	"		977.538		human brain	physiol.612.823	
<sup>1</sup> Wausau, Wis.	"		977.529	Weights			
<sup>1</sup> Waushara co. Wis.	"		977.557		and mesures	metrology	389
Wave	muscle	physiol.	612.7413		state control	351.821	
	theory	optics	535.1		atomic theor. chem.	541.2	
		sound	534.1	Weirs	hydraulic engin'g	627.8	
Waves					mach.	621.269	
	nerv, theories	physiol.	612.8162		hydraulics	532.53	
	theory of	hydraulics	532.59	Weise, C.	German drama	832.53	
Wax flowers			746	Weisnegg	burners chem.	542.44	
Waxhaws, N. C.	Am. rev.		973.3361	<b>Welding</b>	<b>metal manuf.</b>	<b>671</b>	
Wayne, A.	" "		973.3354	<b>Welfare, public admin.</b>		<b>351.8</b>	
<sup>1</sup> Wayne co. Ill.	history		977.3792	Welhaven, J. S. C.	Dan. lit.	839.8465	
<sup>1</sup>	Ind.	"	977.263	Well water	hygiene	613.32	
<sup>1</sup>	Ia.	"	977.788	<sup>1</sup> Welland co. Ont.	history	971.338	
<sup>1</sup>	Mich.	"	977.433	Wellesley college		376.8	
<sup>1</sup>	Mo.	"	977.892	<sup>1</sup> Wellington co. Ont.	hist.	971.342	
<sup>1</sup>	N. Y.	"	974.787	Wells			
<sup>1</sup>	O.	"	977.161	<sup>1</sup> co. Ind.	history	977.272	
<sup>1</sup>	Pa.	"	974.823		dredging thru foundations	721.176	
<sup>1</sup>	W. Va.	"	975.447		physical geografy	551.49	
Wayne's exped.	U.S.hist.		973.43		sunken foundations	721.176	
<b>Weak current engineering</b>			<b>621.38</b>		water supply	628.11	
Wealth, <i>see</i> Welth				<sup>1</sup> Wellsburg, W. Va.	hist.	975.413	
Weapons, <i>see</i> Wepons				Welsh			
<b>Weather</b>	<b>meteorology</b>		<b>551.5</b>		Calvinistic methodists	287.3	
Weathering	eng. materials		620.1122		discovery of America	973.14	
Weaverbirds	zoology		598.8	<sup>1</sup> history		942.9	
Weaving	elem. education		372.55	<sup>4</sup> language		491.66	
	manufactures		677	<sup>6</sup> literature		891.66	
<sup>1</sup> Webb city, Mo.	history		977.8722	travels		914.29	
Webster				Welth			
	and Hayne debate		973.561		and rank	soc. ethics	177.5
	Daniel	Am. oratory	815.27		distribution of		331
	John	English drama	822.36		political economy		331
	Noah	Amer. essays	814.22	Welthy class	social classes		323.31
<sup>1</sup> Webster co. Ia.	history		977.751	Wenceslaus	Ger. history		943.027
<sup>1</sup>	Mo.	"	977.882	Wennerberg, G.	Swed. sat.		839.7765
<sup>1</sup>	W. Va.	"	975.465	Wens	diseases		616.993
				<sup>1</sup> Wentworth co. Ont.	hist.		971.352



Wepons	bronze age	571.35	Wet method		
	customs	399	quantitativ chem. anal.	545.2	
	<b>military engin'g</b>	<b>623.4</b>	<b>Wether meteorology</b>	<b>551.5</b>	
	science	355	Wetterberg, K.: A. Swed.fic.	839.7364	
	public safety	351.753	<sup>1</sup> Wetzel co. W.Va. hist.	975.418	
	stone age	571.25	<sup>1</sup> Wexford co. Ireland "	941.88	
Werewolvs	folklore	398.4	<sup>1</sup> Mich. "	977.467	
Wergeland, H.	Dan. poet.	839.8165	Whale	fisheries	639.2
Werner, F. L. Z.	Ger.drama	832.67		zoology	599.5
Wernicke, C.	satire	837.53	Whaleback		
Wesleyan methodists	sects	287.1	system	shipbilding	623.84
West			Whalebone	dom. econ.	646.17
<sup>1</sup> Australia	history	994.1	Wharf		
<sup>1</sup> Bay City, Mich.	"	977.447	boats	architecture	725.34
<sup>1</sup> Coast, Africa	"	968.8	houses	"	725.34
<sup>1</sup> Indies	"	<b>972.9</b>	Wharves	engineering	627.3
<sup>1</sup> Meath, Ireland	"	941.81	Wheat		
<sup>1</sup> New Jersey	"	974.95	adulterations		614.312
	travels	917.495	agriculture		633.1
<sup>1</sup> Point, N. Y.	history	974.731	trade	agricul. products	338.1
	academy	355.07	Wheatstone		
<sup>1</sup> Prussia	history	943.12	bridges	elec. engin'g	621.3742
	travels	914.312	telegraf	" "	621.38245
<sup>1</sup> Russia	history	947.6	Wheel and axle	physics	531.82
	travels	914.76	cycling	amusem'ts	796.1
<sup>1</sup> West, U. S. the	history	978	ethics		175.7
	travel	<b>917.8</b>	<sup>1</sup> Wheeling, W. Va.	history	975.415
Virginia	admission	973.71	Wheels		
<sup>1</sup>	history	975.4	cog	mechan. engin'g	621.83
	travels	917.54	elec. motor cars		621.3347
			locomotiv running gear		621.135
			railroad engineering		625.21
			water	hydraulics	532.84
				<b>mech. eng.</b>	<b>621.21</b>
				wooden manufactures	674
				Whig party	U. S. hist.
					973.56
				Whigs, Eng.	pol. parties
					329.942
				U. S.	" "
					329.4
				Whipping post	
					343.2
				Whipple, E. P.	Am.essays
					814.35
				Whirlpools	ocean currents
					551.47
				Whirlwinds	meteorology
					551.51
				Whisky	
				chemic technology	663.5
				insurrection	Pa. hist.
					974.8
				U.S.	" "
					973.43
				ring	" "
					973.82
				tax	finance
					336.27
				traffic	
					178.4
				Whist	games
					795
				Whistles	locom. fittings
					621.1339
					steam engin'g
					621.18472
				White, H. K.	Eng. poetry
					821.68

White		
ants	insects	595.73
corpuscles	physiology	612.112
<sup>1</sup> co. Ill.	history	977.396
<sup>1</sup> Ind.	"	977.293
friars	Carmelites	271.73
hair	dermatology	616.54
led	manufacture	667.6
<sup>1</sup> Mts N. H.	history	974.22
Plains, battle	Am.revol.	973.3324
slave trade,	see Prostitution	
substance, cerebellar anat.	611.81715	
	of spinal cord	611.824
<sup>1</sup> Sulphur Springs, W. Va.		975.489
swelling	diseases	616.72
Whitehead, P.	Eng.satire	827.63
<sup>1</sup> Whiteside co. Ill.	history	977.335
<sup>1</sup> Whitley co. Ind.	"	977.275
Whitman, Walt	Am.poetry	811.38
Whittier, J:G.	"	811.36
Wholesale stores	architec.	725.21
Whooping cough	pathol.	616.204
	pub. helth	614.543
Wich hazel	botany	583.394
<sup>1</sup> Wicklow, Ireland	hist.	941.84
<sup>1</sup> Wicomico co. Md.	"	975.225
Wieland, C. M.	Ger. fict.	833.61
<sup>1</sup> Wiesbaden	history	943.58
	travels	914.358
Wife's duties	ethics	173.3
Wigglesworth, M.	Am.poet.	811.13
<sup>1</sup> Wight, Isle of	history	942.28
	travels	914.228
Wigs	customs	391.5
<sup>1</sup> Wigton, Scotland	history	941.49
Wigwams	architecture	725.92
Wild fowl	sport	799
Wilderness, Va. battle		
	U. S. civil war	973.7366
Wildings	childstudy	136.764
<sup>1</sup> Wilkes-Barré, Pa.	history	974.833
<sup>1</sup> Will co. Ill.	"	977.325
Will		
effect on respiration		612.281
metaphysics		159
of God	ethics	171.1
physiologic	psychology	612.82134
theology		234.9
Willans engines		621.1645
William		
<sup>1</sup> Conqueror, Eng. hist.		942.021
<sup>2</sup> Rufus	"	942.022
<sup>3</sup> and Mary	"	942.068
<sup>4</sup>	"	942.075
William		
<sup>1</sup> new Ger. empire		943.083
<sup>2</sup> " " "		943.084
of Holland	Ger. hist.	943.025
<sup>1</sup> Williams co. O.	"	977.111
William's, King, war		
	U. S. history	973.25
Williams shorthand		653.44
<sup>1</sup> Williamson co. Ill.	hist.	977.3993
Willis		
circle of	anatomy	611.1349
ophthalmic nerv	"	611.83152
Wills	genealogy	929.3
	law	347.6
<sup>1</sup> Wilmington, Del.	history	975.12
Wilmot proviso		
causes	U. S. civil war	973.7113
slavery		326.973
U. S. history		973.61
Wilson tariff act	U.S.hist.	973.87
Wilson's raid	U.S.civ.war	973.7387
<sup>1</sup> Wilts, England	history	942.31
Winches	mech. engin'g	621.864
Winchester, Va. battle		
	U. S. civ. war	973.7377
Wind		
and current charts		551.46
currents	aeronautics	629.143
instruments	music	788
mills	air engines	621.45
pressure	bridgebuilding	624.175
Windage	steam turbins	621.16515
<sup>1</sup> Windham co. Ct.	history	974.64
<sup>1</sup>	Vt.	974.39
Windlasses	mech. engin'g	621.864
Window		
dressing		659.1
furnishings	dom. econ.	645.3
gardens		716.4
tax	pol. econ.	336.27
Windows		
arch. construction		721.8
design		729.38
dormer	arch. construc.	721.55
library	bidings	022.71
staind glass	arch. decor.	729.8
Winds	meteorology	551.51
<sup>1</sup> Windsor city, Ont.	hist.	971.332
<sup>1</sup>	co. Vt.	974.36
<sup>1</sup> Windward ilands	history	972.98
Wine		
adulterations		614.342
at table	temper.	178.3
domestic economy		641.13
manufacture		663.2

- Wine temperance 178
- Wing frames lib. fittings 022.932
- Wingd shells zoology 594.4
- Wings
- aeronautics 629.181
  - animal locomotion 591.47
- Winkle fishery 639.4
- <sup>1</sup>Winnebago co. Ill. hist. 977.331
- <sup>1</sup> Ia. " 977.722
  - <sup>1</sup> Wis. " 977.564
- <sup>1</sup>Winneshiek co. Ia. " 977.732
- Winter, W: Amer. poetry 811.44
- Winter resorts hygiene 613.12
- sports 796
- Winther, C. Dan. fiction 839.8363
- Wire, bare elec. eng. 621.31932
- lath masonry 693.66
  - manufacture 671
  - rope transmission 621.854
  - strength 620.11288
- Wireless
- communication engin'g 621.384
  - telephony communication 654.6
  - engineering 621.3845
  - telegrafy communication 654.1
  - engineering 621.3842
- Wires
- telegraf communica. 654.4
  - engineering 621.31932
- Wirewound guns ordn. 623.42164
- Wiring
- central station engin'g 621.317
  - electric transmission 621.319
  - house elec. lighting 621.3282
- Wirsung's canal anat. 611.373
- Wirt, W: Amer. oratory 815.23
- <sup>1</sup>Wirt co. W. Va. history 975.426
- Wisconsin, U. S.
- admission U. S. hist. 973.61
  - <sup>1</sup> history 977.5
- For military history, see subdivisions of Special campaigns and Military history under 973.52, 973.7 and 973.89
- Wisdom Apocrypha 229.3
- divine doc. theol. 231.6
- Wiselius, S: I. Dut. dram. 839.3251
- <sup>8</sup>Wit English humor 827
- Witch hazel botany 583.394
- Witchcraft 133.4
- in New England 973.25
- Witches persecutions 272.8
- Withdrawal book lib. econ. 025.249
- Wither, G: Eng. satire 827.41
- Witnesses evidence 347.94
- Wives' duties family eth. 173.3
- Wolcott, J: Eng. satire 827.65
- <sup>1</sup>Wolfe co. Que. history 971.457
- Wolff Ger. philosophy 193.9
- Wolfian body anatomy 611.619
- Wolfram inorgan. chem. 546.78
- v. Eschenbach Ger. poet. 831.24
- Wolff, E. B. Dutch fiction 839.3341
- Woman
- customs 396
  - education 376
  - position and treatment 396
  - suffrage 324.3
  - polit. parties 329.83
  - woman's position 396.3
- Woman's
- exchange sociology 396.56
  - relief corps 369.161
  - rights woman's position 396.2
  - veteran relief union 369.162
- Womb anatomy 611.66
- Women
- as librarians 023.56
  - library trustees 023.34
  - teachers 371.18
  - costume of 391.2
  - diseases of 618
  - duties of family ethics 173
  - social " 177
  - labor of polit. econ. 331.4
  - lives of collections 920.7
- Women's
- Christian associations 267.432
  - clothes 646.34
  - domestic economy clubs 640.714
  - hats 646.54
  - religious societies 267.4
  - rights 396.2
  - room lib. bildings 022.57
  - work in church 259
- Wood
- alcohol chem. tech. 661
  - and glass structures archy 721.99
  - iron " " 721.95
  - ashes agriculture 631.831
  - beams bridge engin'g 624.222
  - ilding material 691.1
  - bildings, library 022.21
  - bridges, archt engin'g 624.62
  - carving 736
  - city houses, detach 728.39
  - party-walls 728.33
  - semidetacht 728.36
  - construction carpentry 694.1

Wood			Words		
construction shipbuilding	623.84		<sup>3</sup> etymology	English	422
<sup>1</sup> co. O. history	977.116		slang	"	427.09
<sup>1</sup> W. Va. "	975.422		<sup>3</sup> use and abuse	"	428.3
<sup>1</sup> Wis. "	977.552		<sup>3</sup> vulgarisms	"	428.3
engraving	761		Wordsworth, W: Eng. poet		821.71
foundations architect.	721.132		Work		
fuel dom. econ.	644.21		at reduced wages		331.5
implements manufac.	674		cure therapeutics		615.85
prehis. arch.	571.51		done wage bases		331.231
pavements road eng.	625.83		duration pol. econ.		331.81
piles foundations	721.142		houses asylums		362.5
ships shipbuilding	623.84		maximum thermochem.		541.36
tests engineering	620.12		mechanics		531.4
village houses architect.	728.66		muscular, relations to heat		612.7455
partly "	728.65		parish, societies for		256
work, joints carpentry	694.2		physiology of		612.7661
working manufactures	674		ration for physiol.		612.3951
mills architect.	725.44		special classes lib. econ.		021.28
shop mfg plant	621.72		Sunday		263.5
<sup>1</sup> Woodbury co. Ia. history	977.741		Working classes pol. econ.		331.8
Woodbury types	773		stresses bridges		624.176
Wooden			Workingmen's clubs arch.		725.93
ceilings arch. construc.	721.71		Workmen		
doors " "	721.81		cottages for architect.		728.68
floors " "	721.61		insurance compulsory		331.2
lath masonry	693.65		law		368
piers and colums arch.	721.31		libraries for lib. econ.		027.6
carpentry	694.4		pol. econ.		331.85
roofs arch. construction	721.51		tenements for architect.		728.1
walls " "	721.21		Workshop receipts tech.		660
<sup>1</sup> Woodford co. Ill. history	977.353		Workshops disinfection		
Woodpeckers birds	598.7		in contagious diseases		614.48
Woods			World, atlases of		912
economic botany	581.61		city internationalism		321.041
forestry	634.9		state pol. sci.		321.04
Wool			voyages round		910.4
agriculture	636.3		World's fairs		606
domestic economy	646.13		Worlds, plurality of		523.13
duties on	337.5		Worm, Ole Dan. misc.		839.883
dyeing chem. technol.	667.2		Worm gears mech. engin'g		621.8333
linings, mineral masonry	693.67		Wormian bones anat.		611.7141
manufactures	677		Worms diseases		616.962
mineral eng. materials	620.195		paleontology		565.1
operativs hygiene	613.63		zoology		595.1
Woolen clothing hygiene	613.481		Worries in library servis		023.57
mills architecture	725.41		Worship		
Worcester			family		249
<sup>1</sup> co. England history	942.47		of animals idolatry		290
<sup>1</sup> Md. "	975.221		public		264
<sup>1</sup> Mass. "	974.43		state control		351.857
Word method elem. educ.	372.4		Worsteds manufacture		677
Words			<sup>1</sup> Worth co. Ia. history		977.723
<sup>3</sup> arrangement of Eng. phil.	425.3		<sup>1</sup> Mo. "		977.814

Woulfe bottles chem.	542.231	X rays mesology	612.0144811
Wounded, hospitals for	362.1	Xenocrates anc philos.	184.3
architec.	725.51	Xenon inorganic chem.	546.295
Wounds		Xenophanes Gk philos.	182.3
reparation of surgery	617.14	Xenophon Gk literature	888.3
zoology	591.179	Ximenes Catalan misc.	849.9814
Wrecking and life-saving	656	Xylofone musical instrum.	789.6
Wrens birds	598.8	Xylografiy	761
Wrestling	796	Xyrideæ botany	584.36
<sup>1</sup> Wright co. Ia. history	977.7274		
<sup>1</sup> Mo. " "	977.8825		
Wringers laundry mach.	648.3		
Wrisberg's			
nerv anatomy	611.8339		
pars intermedia anat.	611.83175		
Wrist " "	611.975		
bones " "	611.7177		
joint " "	611.7274		
Writing	652		
books	372.51		
elementary education	372.51		
for the press lit. meth.	029.6		
inks chemic technology	667.4		
machine	652		
materials	652		
of history	907		
shorthand	653		
telegraf elec. eng.	621.3826		
Writs law	347.93		
Written examinations	371.27		
Wrongs law of torts	347.5		
Wrought iron structures			
arch.	721.92		
Wuch language	491.41		
<sup>1</sup> Wurtemberg, Ger. history	943.47		
<sup>1</sup> Wyandot co. O. " "	977.126		
Wyatt, T: Eng. poetry	821.27		
Wycherly, W: drama	822.44		
Wyoming			
<sup>1</sup> co. N. Y. history	974.793		
<sup>1</sup> Pa. " "	974.835		
<sup>1</sup> W. Va. " "	975.445		
state admission U.S.hist.	973.86		
<sup>1</sup> history	978.7		
mil. hist. civ. war.	973.7487		
Span. " "	973.89487		
valley massacre			
Amer. revol.	973.3344		
Penn. hist.	974.8		

Y connections	elec. eng.	621.3191333	Y. M. C. A.	
ligament	anatomy	611.7282	officers, salaried	267.34
Yacht clubs	architecture	725.87	training	267.345
Yachting		797	unsalaried	267.333
	suits dom. econ.	646.47	organization	267.33
Yachts			periodicals	267.39
engin driven	shipbuilding	623.824	physical director	267.343
sailing	"	623.8225	reports	267.39
Yale collegè		378.746	training officers	267.345
<sup>1</sup> Yamaska co. Que.	hist.	971.454	work with special classes	267.36
Yañez Ruy	Span. poetry	861.15	<sup>1</sup> Yolo co. Cal.	history 979.451
Yaid engins	steam eng.	621.13263	<sup>1</sup> Yonne, France	" 944.41
Yards, railway engin'g		625.18	<sup>1</sup> York co. Me.	" 974.19
	stock architecture	725.27	<sup>1</sup> N. B.	" 971.551
<sup>1</sup> Yarmouth co. N. S.	hist.	971.631	<sup>1</sup> Ont.	" 971.351
Yarns	manufacture	677	<sup>1</sup> Pa.	" 974.841
<sup>1</sup> Yates co. N. Y.	history	974.782	house of Eng. hist.	942.04
Year books	statistics	310	<sup>1</sup> Yorkshire, England	" 942.74
	see subject		Yorktown, Va.	
college		378.14	siege Amer. revol.	973.3375
solar chronology		529.2	U. S. civil war	973.7327
Yeast adulterations		614.315	Yosemite, Cal. descrip.	917.9447
botany		589.91	<sup>1</sup> history	979.447
chemic technology		664.6	Young, E: Eng. poetry	821.55
domestic economy		641.6	Young	
Yellow			childstudy	136.7
fever diseases		616.928	counsels to ethics	173.6
protectiv inocula.		614.476	education of elem. educ.	372
public helth		614.541	men, advice to	
journalism		070.16	business ethics	174
journals lib. censorship		024.58	Men's Christian ass'n	267.3
exclusion		025.217	men's Christian unions	267.233
Yellowstone Park	descrip.	917.87	people's religious societies	267.6
<sup>1</sup> history		978.7	societies, sociology	369.4
<sup>1</sup> Yemen, Arabia	"	953.3	soc. of Chr. endeavor	267.613
Yiddish dialects		492.4	reading of	028.5
literature		892.4	women, advice to	
Y. M. C. A.			social ethics	177
buildings		267.32	Women's Christian ass'n	267.5
architecture		726.9	<sup>1</sup> Youngstown, O. history	977.1391
committees, special		267.35	Yriarte, T. de Span. poetry	861.45
standing		267.334	Ytterbium inorg. chem.	546.652
conferences		267.349	Yttrium	" 546.61
departments		267.35	<sup>1</sup> Yuba co. Cal. history	979.435
extension		267.31	Yucatan, Mex. architec.	722.9
field and limits		267.31	<sup>1</sup> history	972.6
general secretary		267.341	travels	917.26
history		267.39	<sup>1</sup> Yukon, Can. history	971.21
institutes		267.348		
librarian		267.342		
local work by dep'ts		267.35		
managers		267.333		
membership		267.335		
objects		267.31		

<sup>1</sup> Zacatecas, Mex. history	972.4
Zambezi travels	916.79
Zanella, G. Ital. poetry	851.82
<sup>1</sup> Zanesville, O. history	977.1911
Zanotti, F. M. Ital. essays	854.58
<sup>1</sup> Zanzibar, Africa history	967.8
<sup>1</sup> Zealand, province of hist.	949.2
Zechariah Bible	224.98
Zend	
<sup>5</sup> Avesta Persian litera.	891.52
religion	295
<sup>4</sup> language	491.52
Zenith telescope astron.	522.43
Zenithal projections geod.	526.84
Zeno, Apostolo Ital. dram.	852.55
early Greek philosofer	182.3
stoic philosofer	188.1
Zephaniah Bible	224.96
Zesen, P. von Ger. poetry	831.56
Zigzags mil. engin'g	623.24
Zinc	
inorganic chemistry	546.47
led accumulators eng.	621.35557
metallurgy	669.5
ores economic geology	553.45
oxid of therapeutics	615.776
roofs bilding	695.4
Zincografy	767
Zincs steam engineering	621.18479
Zinn's zone anat.	611.8442
Zirconium inorg. chem.	546.83
Zither music	787.8
Zoantharia radiates	593.63
Zodiac astronomy	523.29
Zodiacal light "	523.59
Zoologic gardens	590.7
architec.	727.5
Zoology	590
Zoophytes	593
Zoosporeæ botany	589.67
Zorilla y Moral, José	861.53
Zoroaster Parsæism	295
Zouaves military science	356.16
Zschokke, J; H; D. Ger.fic.	833.71
<sup>1</sup> Zululand history	968.3
Zumbini, B. Ital. essays	854.87
Zuñis indians	970.3
<sup>1</sup> Zurich history	949.4
travels	914.94
Zwinglian Protestant sects	284.2
Zygæna fishes	597.3
Zygomatc bone	611.7163
muscle	611.7326
Zygomycetes fungi	589.28

Zygophylleæ	botany	583.221
Zygosporææ	algæ	580.6
	lichens	589.27
Zyphoid bone		611.713





# INDEX TABLES

## Table 1—Geografic Divisions

The following subjects may all be divided geografically by adding the geografic numbers: i. e. 4 Europe; 5 Asia; 6 Africa; 7 North America; 8 South America; 9 Oceanica. These can be farther subdivided as minutely as wisht, like the history, 910-999, which see for full table; e. g. 42, England; 73, United States; 944, New South Wales; 7471, New York City, etc.

The geografic numbers are formd by omitting initial 9 from the historical numbers given in tables 930-999, and these figures are simply affixt to the number given in the table below; e. g. Atlases are numberd in the table below 912; in the historical tables France is numberd 944; omitting initial 9 and affixing the remaining figures, 44, to 912 gives 912.44, Atlases of France; New South Wales is 994.4; omit initial 9 and affix 944 to 912 and the result is 912.944, Atlases of New South Wales. In the table below, Mints are 332.49; in the historical tables England is 942; adding these together (omitting the 9) gives 332.4942, Mints in England. Colleges are 378; N. Y. state, 974.7; add these together (omitting the 9) and the result is 378.747, Colleges in N. Y. state.

A number of unimportant topics, e. g. minor religious sects, which may be divided geografically, are omitted from this table.

373.	Academies, private	284.2	Calvinist church
379.	"    public	922.4	"    lives
354.	Administration (except U. S.)	923.3	Capitalists' lives
923.5	"    biografy	922.2	Cardinals' "
923.5	Admirals' lives	282.	Catholic church
630.9	Agriculture, history of	922.2	"    "    biografy
283.	American P.E. church	284.8	"    Old, church
922.3	"    "    "    biografy	361.9	Charitable associations
911.	Ancient geografy	136.79	Childhood
283.	Anglican church	283.	Church, Episcopal
922.3	"    "    biografy	922.3	"    "    biografy
591.9	Animals, geografic distribution	27	"    history
328.	Annals, legislativ	027.3	Circulating libraries
913.	Antiquities, archeology	027.4	City libraries, public
922.3	Archbishops' lives, Anglican	923.5	Civil servis biografy
922.2	"    "    Roman catholic	027.2	Club libraries
720.9	Architecture, history of	367.9	Clubs, social
923.5	Army biografy	332.49	Coinage, history of
709.	Art, history of	027.7	College libraries
362.9	Asylums	378.	Colleges
027.2	Atheneum libraries	325.	Colonies
912.	Atlases	923.8	Commerce, biografy of
013.9	Authors, foren	285.8	Congregational church
923.3	Bankers' lives	922.5	"    "    biografy
286.1	Baptist, Calvinistic	342.	Constitutional law
286.2	"    Free will	922.4	Continental Protestants' lives
286.3	"    Seventh day	641.59	Cookery
922.6	"    lives	655.6	Copyright
013.9	Bibliografy of foren authors	343.	Criminal law
016.9	"    of history	923.4	Criminals' lives
015.	"    special countries	614.12	Deaths and deth-rates
022.33	Buildings, library	91	Description, geografic
920.0	Biografy of countries, collectiv; also religious biografy 922.2 to 922.8, and biografy of sociology 923.1 to 923.8	91	Directories
922.3	Bishops' lives, Anglican and P. E.	591.9	Distribution of animals, geog.
922.2	"    "    Roman catholic	549.9	"    "    minerals "
655.4	Bookselling, history of	581.9	"    "    plants "
581.9	Botany, geografic	572.9	"    "    races "
		284.1	Dutch reformd church (except America)

- 285.7 Dutch reformd church (in America)
- 922.4 Dutch reformd church biography
- 27 Ecclesiastical history
- 330.9 Economics, history
378. Education, college
- 372.9 " elementary
- 370.9 " history of
373. " intermediate (private)
- 376.9 " of women
373. " private academies
379. " public school
- 923.7 Educators' lives
- 372.9 Elementary education
- 325.2 Emigrants
- 923.1 Emperors' lives
- 027.4 Endowd libraries
373. " schools
- 628.09 Engineering, sanitary
283. Episcopal church
- 922.3 " " biography
- 287.6 " Methodist, church
- 922.7 " " " biog.
- 572.9 Ethnology
- 027.1 Family libraries
- 376.9 Female education
336. Finance
- 923.3 Financiers' lives
349. Foren law
327. " relations
354. " states, administration
- 560.9 Fossils, geografic distribution
- 027.9 Free news rooms
- 027.4 " public libraries
- 289.6 Friends or quakers
- 922.8 " " " biography
- 027.0 General libraries, hist. repts. etc.
- 581.9 Geografic botany
- 591.9 " dist. of animals
- 560.9 " " " fossils
- 549.9 " " " minerals
- 572.9 " " " races
91. Geografy, description
911. " historical
912. " maps
- 355.47 " military
55. Geology
- 724.3 Gothic revival, architecture
- 724.4 " , Victorian "
354. Government admin. except (U. S.)
- 027.5 " libraries
- 352.0 " local
- 923.2 Governors lives
- 724.2 Grecian revival, architecture
- 614.09 Helth, public
911. Historical geografy
- 016.9 History bibliography of
- 362.9 Hospitals
- 284.5 Huguenot;
- 922.4 " biography
- 613.09 Hygiene
325. Immigration
- 338.9 Industrial legislation
607. Institutes of technology
- 370.72 " teachers
- 368.9 Insurance
373. Intermediate education
- 923.4 Judges' lives
- 372.209 Kindergarten history
- 923.1 Kings' lives
- 333.09 Landholding
- 923.4 Law biography
342. " constitutional
343. " criminal
349. " foren
- 323.6 Laws, citizenship
- 379.14 " school
- 338.9 Legislation, industrial
- 021.89 " library
328. Legislativ bodies and annals
- 923.2 Legislators' lives
- 027.0 Libraries, general, histories, reports, etc.
- 352.0 Local government
- 284.1 Lutheran church
- 922.4 " " biography
912. Maps
- 370.71 Meeting, teachers
- 923.8 Merchants' lives
- 287.6 Methodist episcopal
- 922.7 " biography
- 553.70 Mineral waters
- 549.9 Minerals, geografic distribution
- 332.49 Mints, history
- 780.9 Music, history of
015. National bibliography
- 920.0 " biography
- 323.1 Nationalities
- 923.5 Naval biography
- 724.6 Néo-Grec architecture
- 027.9 News rooms, free
- 923.2 Nobles' lives
- 560.9 Paleontology
- 027.8 Parish libraries
328. Parliamentary bodies
- 329.9 Parties, political (except U. S.)
- 923.6 Philanthropists' lives
912. Plans of cities, etc.

- 581.9 Plants, geographic distribution  
363.9 Political associations  
923.3 " economy, biography  
329.9 " parties (except U. S.)  
923.2 " science, biography  
320.9 " " history of  
923.2 Politicians' lives  
312. Population, statistics of  
373. Preparatory schools  
285.1 Presbyterian church in America  
285.2 " " " Gt Britain  
922.5 " " biography  
923.1 Presidents' lives  
655.1 Printing, history of  
365.9 Prisons  
027.1 Private libraries  
373. " schools  
027.2 Proprietary libraries  
283. Protestant episcopal church  
922.3 " " " biog.  
922.4 Protestants, continental, lives  
614.09 Public health  
027.4 Public libraries  
379. " school system  
015. Publishers' lists  
655.4 Publishing, history of  
289.6 Quakers  
922.8 " lives  
724.5 Queen Anne architecture  
923.1 Queens' lives  
572.9 Races of men  
923.8 Railroad officials' lives  
027.4 Rate supported libraries  
027.9 Reading rooms, free  
364.9 Reformatory institutions  
284.1 Reform church  
285.7 " (Dutch) church in Amer.  
922.4 " " " biography  
327. Relations, foren  
27 Religious history  
724.1 Renaissance architecture  
282. Roman catholic church  
922.2 " " " biography  
724.8 Romanesque revival, architecture  
923.1 Rulers, chief, lives  
628.09 Sanitary engineering, history, etc.  
284.7 Scandinavian church  
922.4 " " " biography  
027.8 School libraries  
923.7 " officers' biography  
370.73 Schools, normal  
374.4 " correspondence  
373. " private  
379. " public, system  
508. Scientific travels  
366.9 Secret societies  
373. Seminaries, private  
923.5 Servis, civil, biography  
286.3 Seventh day baptist  
922.6 " " " biography  
289.8 Shakers  
922.8 " biography  
653.09 Shorthand, history  
326.9 Slavery, "  
367.9 Social clubs  
335.9 Socialist communities  
267.2 Societies, religious, of men  
366.9 " " " secret  
027.2 Society libraries  
923.5 Soldiers' lives  
379. State education  
027.5 " libraries  
923.2 Statesmen's lives  
31 Statistics  
312. " of populatio  
027.3 Subscription libraries  
324. Suffrage  
027.8 Sunday school libraries  
289.4 Swedenborgians  
922.8 " " biography  
284.7 Swedish church  
922.4 " " " biography  
724.7 Swiss architecture  
923.7 Teacher' live  
607. Technical schools  
207. Theologic schools  
724.7 Timber architecture  
027.4 Town libraries, public  
91 Travel, description  
508. " scientific  
341.2 Treaties, texts and history  
724.4 Tudor architecture  
288. Unitarian church  
922.8 " " " biography  
289.1 Universalist church  
922.8 " " " biography  
378. Universities, history, reports, etc.  
027.7 University libraries  
724.4 Victorian Gothic architecture  
324. Voting  
331.29 Wages  
922.4 Waldenses biography  
553.70 Waters, mineral  
376.9 Woman's education  
267.432 Women's Christian associations  
267.39 Y. M. C. A.  
267.59 Y. W. C. A.  
591.9 Zoology, geographic

Table 2—Form Divisions

The form distinctions 01, Philosophy; 02, Compendis; 03, Dictionaries; 04, Essays; 05, Periodicals; 06, Societies; 07, Study and Teaching; 08, Polygraphy, Collectiv works; 09, History, can be used wherever needed if these numbers are not already employed with other significations. They have been printed in the full tables only where they seemd specially needed.

The following is an alfabetic list of these divisions, and the figures prefix should be *added* to the number of the subject to be subdivided; e. g. Disputations on Chemistry in general 540.4; Dictionaries of Mining 622.03.

06	Academies	02	Manuals
06	Acts of societies	08	Maxims
04	Addresses	01	Methods
06	Associations	08	Miscellanies
02	Charts. Tabular views. Compendis	07	Museums
08	Collected works	02	Outlines
08	Collections	04	Papers
02	Compendis	05	Periodicals
03	Concordances	01	Philosofy
03	Cyclopedias	08	Polygrafy
03	Dictionaries	06	Reports of societies
02	Digests	05	Reviews
04	Discourses	07	Schools
04	Disputations	07	Seminaries
07	Education	06	Societies
03	Encyclopedias	07	Study
04	Essays	02	Systems
06	Exhibitions	07	Teaching
08	Extracts	01	Theories
09	History	04	Tracts
04	Lectures	07	Training schools
04	Letters	06	Transactions
03	Lexicons	08	Treatises
08	Libraries, collections, series	01	Utility
05	Magazines		

Table 3—Languages

The table below includes all languages mentioned in the classification, except those in 494—499, not yet subdivided.

Any language in this table may be subdivided like 420, English.

Any philologic topic in the index may be transfered to another language by replacing the initial figures of the language, as found in this table, by those of the second language also found here; e. g., Syntax, English language, in the index is 425.2. In this table, English is 42 and French is 44; replacing the 42 by 44 gives 445.2 French syntax. Hebrew is 492.4, and Hebrew syntax is 492.452.

A third way to subdivide the language is to prefix the language figures as given in this table to the philologic numbers given in Table 4.

All three methods give the same result.

491.58	Afghani	491.69	Basque
492.8	Amharic	491.44	Bengali
429.	Anglo Saxon	491.86	Bohemian
492.7	Arabic	491.68	Breton, Bas
492.1	Aramaic	491.81	Bulgarian
491.54	Armenian	492.6	Carthaginian
491.68	Armorican	449.9	Catalan
492.19	Assyrian	492.2	Chaldee
491.52	Avestan, Zend	491.81	Church Slavonic
492.19	Babylonian	493.2	Coptic
491.52	Bactrian, Old	491.67	Cornish
491.68	Bas Breton	491.83	Croatian

- 492.19 Cuneiform  
 491.65 Cymric group  
 491.66 " or Welsh  
 439.8 Danish  
 439.4 Deutsch, Platt  
 439.3 Dutch  
 493.1 Egyptian, Old  
 42 English  
 427.01 " Old  
 491.61 Erse, Gadhelic group  
 491.63 " Gaelic  
 492.8 Ethiopic  
 477.5 Etruscan  
 439.6 Faroese  
 439.3 Flemish  
 44 French  
 447.01 " Old  
 439.2 Frisian  
 491.61 Gadhelic group  
 491.63 Gaelic or Scotch  
 43 German  
 437.02 " Middle High  
 437.01 " Old High  
 439.9 Gothic  
 48 Greek  
 489. " Modern  
 491.47 Gujerati  
 492.4 Hebrew  
 492.9 Himyaritic  
 491.43 Hindi  
 491.1 Hindu languages  
 491.43 Hindustani  
 491.53 Huzwaresh  
 439.6 Icelandic  
 491.1 Indic group  
 491.62 Irish  
 45 Italian  
 492.4 Jewish  
 491.83 Kroatian  
 491.57 Kurdish  
 47 Latin  
 479. " Medieval  
 491.93 Lettish  
 491.92 Lithuanian  
 491.93 Livonian  
 439.3 Low Dutch  
 479. " Latin  
 491.64 Manx  
 491.46 Marathi  
 479. Medieval Latin  
 437.02 Middle High German  
 489. Modern Greek  
 491.55 " Persian  
 491.87 Moravian  
 492.19 Nineveh Cuneiform  
 439.6 Norse, Old  
 439.8 Norwegian  
 491.52 Old Bactrian  
 493.1 " Egyptian  
 427.01 " English  
 447.01 " French  
 437.01 " High German  
 439.6 " Norse  
 491.51 " Persian  
 491.91 " Prussian  
 439.2 " Saxon  
 491.45 Orissa  
 491.56 Ossetic  
 491.3 Pali  
 491.42 Panjabi  
 491.53 Pehlevi  
 491.55 Persian, Modern  
 491.51 " Old  
 492.3 Peshito  
 492.6 Phenician  
 439.4 Platt Deutsch  
 491.89 Polabian  
 491.85 Polish  
 469. Portugese  
 491.2 Prakrit  
 449. Provençal  
 491.91 Prussian, Old  
 491.58 Pushtu  
 459.9 Rhaeto-Romansch  
 489. Romaic  
 459. Rumanian  
 459.9 Rumansh  
 491.7 Russian  
 491.79 Ruthenian  
 492.5 Samaritan  
 491.2 Sanskrit  
 429. Saxon, Anglo-  
 439.2 " Old  
 439.5 Scandinavian languages  
 491.63 Scotch or Gaelic  
 491.82 Serbian  
 491.41 Sindi  
 491.48 Singhalese  
 491.81 Slavonic, Church  
 491.87 Slovakian  
 491.84 Slovenian  
 491.88 Sorbian  
 46 Spanish  
 439.7 Swedish  
 492.3 Syriac  
 491.45 Uriya  
 459. Wallachian  
 491.66 Welsh  
 491.52 Zend

Table 4.—Philological Divisions.

All the languages in Table 3 can be divided like 420, English, by adding the figures below; e. g.:

English orthography	421
Provençal	449.1
Arabic	492.71
Gaelic	491.631
Syntax of English verbs	425.8
“ Modern Greek verbs	489.58
“ Danish	439.858
“ Armenian	491.5458
Inflection of English nouns	425.15
“ Anglo-Saxon nouns	429.515
“ Hebrew	492.4515
“ Welsh	491.66515

18	Abbreviations.	2	Derivation of words.
12	Ablaut.	7	Dialects.
16	Accent, pronunciation.	3	Dictionaries.
61	“ prosody.	25	Diminutives, derivation.
51	Accidence.	12	Diphthongs.
25	Accusative, etymology.	17	Diplomatics.
55	“ syntax.	701	Early forms of language.
26	Adjectival forms, derivation.	86	Elementary readers.
516	Adjectives, inflection.	53	Ellipsis.
56	“ syntax.	52	Enallage.
29	Adverbs, derivation.	83	Errors of speech.
59	“ syntax.	2	Etymology, derivation.
22	Affixes, derivation.	51	“ inflection.
11	Alphabet.	89	Examination papers.
21	Analogy.	63	Feet, prosody.
53	Analysis, grammar.	64	Figures of prosody.
67	Antistrophe, prosody.	82	First lessons.
28	Aorist, etymology.	63	Foot, prosody.
53	“ syntax.	24	Foreign elements.
7	Archaisms.	25	Gender, etymology.
709	Argot.	25	Genitive case, etymology.
53	Arrangement of words and clauses.	55	“ “ syntax.
56	Articles, syntax.	7	Glossaries, dialects.
12	Aspirates.	3	“ language.
28	Augment, etymology.	83	Grammatical errors.
83	Barbarisms.	65	Hexameters.
83	Blunders.	64	Hiatus.
25	Case endings, derivation.	54	Hypothetical sentences.
55	Cases, syntax.	31	Idioms.
87	Chrestomathies.	88	Individual authors, texts.
53	Clauses, arrangement of.	28	Infinitive mood, etymology
516	Comparison, inflection.	58	“ “ syntax.
26	Comparison, signs of, derivation.	51	Inflection.
54	Conditional sentences.	516	“ of adjectives.
518	Conjugation.	515	“ “ nouns.
29	Conjunctions, etymology.	517	“ “ pronouns.
59	“ syntax.	518	“ “ verbs.
28	Conjunctive mood, etymology.	17	Inscriptions.
58	“ “ syntax.	29	Interjections, etymology.
13	Consonants.	59	“ syntax.
12	Crisis.	29	Interrogatives, etymology
25	Dative case, etymology.	59	“ syntax.
55	“ “ syntax.	21	Laws of language.
515	Declension of nouns.	1	Letters, alphabet.

- |     |                                  |     |                                |
|-----|----------------------------------|-----|--------------------------------|
| 3   | Lexicography.                    | 86  | Readers, elementary.           |
| 3   | Lexicons.                        | 87  | “ selections.                  |
| 17  | Manuscripts.                     | 23  | Reduplication, derivation.     |
| 65  | Meters, prosody.                 | 27  | Relative pronouns, “           |
| 28  | Moods, signs of, derivation.     | 57  | “ “ syntax.                    |
| 58  | “ syntax.                        | 66  | Rhymes, prosody.               |
| 52  | Morphology.                      | 66  | Rhyming dictionary.            |
| 25  | Noun forms, derivation.          | 8   | School books and texts.        |
| 515 | Nouns, inflection.               | 87  | Selections, readers.           |
| 55  | “ syntax.                        | 54  | Sentences of particular form   |
| 25  | Number, signs of, derivation.    | 709 | Slang.                         |
| 701 | Old forms of language.           | 81  | Spelling books.                |
| 21  | Origin of language.              | 14  | “ reform.                      |
| 15  | Orthoëpy.                        | 67  | Strophe, prosody.              |
| 1   | Orthography.                     | 22  | Suffixes, derivation.          |
| 17  | Palæography.                     | 4   | Synonyms.                      |
| 52  | Parsing.                         | 52  | Syntax.                        |
| 29  | Particles, derivation.           | 28  | Tense signs, derivation.       |
| 59  | “ syntax.                        | 58  | “ syntax.                      |
| 27  | Personal pronouns, derivation.   | 8   | Text books.                    |
| 14  | Phonetic spelling.               | 68  | “ “ for writing verse.         |
| 82  | Phrase book.                     | 88  | Texts of individual authors.   |
| 27  | Possessive pronouns, derivation. | 12  | Umlaut.                        |
| 57  | “ “ syntax.                      | 83  | Use of words.                  |
| 22  | Prefixes, derivation.            | 28  | Verbal forms, derivation.      |
| 29  | Prepositions “                   | 518 | Verbs, inflection.             |
| 59  | “ syntax.                        | 58  | “ syntax.                      |
| 27  | Pronominal forms, derivation.    | 68  | Verse, text books for writing. |
| 517 | Pronouns, inflection.            | 62  | Versification.                 |
| 57  | “ syntax.                        | 28  | Voice signs, derivation.       |
| 15  | Pronunciation.                   | 12  | Vowels.                        |
| 82  | Prose composition.               | 83  | Vulgarisms.                    |
| 6   | Prosody.                         | 53  | Words, arrangement of.         |
| 7   | Provincialisms.                  | 2   | “ etymology.                   |
| 19  | Punctuation.                     | 83  | “ use of.                      |
| 61  | Quantity, prosody.               |     |                                |

## Table 5. — Literatures.

The form divisions of English literature: 1, Poetry; 2, Drama; 3, Fiction; 4, Essays; 5, Oratory; 6, Letters; 7, Satire and Humor; 8, Miscellany; may be used to sub-divide any of the languages in the following tables; and any division of English literature in the index referring to this table may be used in sub-dividing another literature, by replacing the initial figures 82 (denoting English) by the figures of the 2d language as given in this table.

Thus Ballads, English literature in the index are 821.04 and in this table Spanish is 86, therefore 861.04 is Spanish ballads; 891.7 is Russian and 891.7104 is Russian ballads.

While this minute division is possible, it is not expedient in all cases: e. g. Icelandic literature will contain little except in one or two of these divisions and a special arrangement similar to 829 Anglo-Saxon is much more convenient.

891.58	Afghani.	891.43	Hindi.
892.8	Amharic.	891.1	Hindu languages.
892.7	Arabic.	891.43	Hindustani.
892.1	Aramaic.	891.53	Huzwaresh.
891.54	Armenian.	839.6	Icelandic.
891.68	Armorican.	891.1	Indic Group.
892.19	Assyrian.	891.62	Irish.
891.52	Avestan, Zend.	85	Italian.
892.19	Babylonian.	892.4	Jewish.
891.52	Bactrian, Old.	891.83	Kroatian.
891.68	Bas Breton.	891.57	Kurdish.
891.69	Basque.	879.	Latin, Medieval
891.44	Bengali.	891.93	Lettish.
891.86	Bohemian.	891.92	Lithuanian.
891.68	Breton, Bas.	891.93	Livonian.
891.81	Bulgarian.	839.3	Low Dutch.
892.6	Carthaginian.	879	“ Latin.
849.9	Catalan.	891.64	Manx.
892.2	Chaldee.	891.46	Marathi.
891.81	Church Slavonic.	879.	Medieval Latin.
893.2	Coptic.	889.	Modern Greek.
891.67	Cornish.	891.55	“ Persian.
891.83	Croatian.	891.87	Moravian.
892.19	Cuneiform.	892.19	Nineveh Cuneiform.
891.65	Cymric Group.	839.6	Norse, Old.
891.66	“ or Welsh.	839.8	Norwegian.
839.8	Danish.	891.52	Old Bactrian.
839.4	Deutsch, Platt.	893.1	“ Egyptian.
839.3	Dutch.	839.6	“ Norse.
893.1	Egyptian, Old.	891.51	“ Persian.
82	English.	891.91	“ Prussian.
891.61	Erse, Gadhelic group.	839.2	“ Saxon.
891.63	“ Gaelic.	891.45	Orissa.
892.8	Ethiopic.	891.56	Ossetic.
839.6	Faroese.	891.3	Pali.
839.3	Flemish.	891.42	Panjabi.
84	French.	891.53	Pehlevi.
839.2	Frisian.	891.55	Persian, Modern.
891.61	Gadhelic Group.	891.51	“ Old.
891.63	Gaelic or Scotch.	892.3	Peshito.
83	German.	892.6	Phenician.
839.9	Gothic.	839.4	Platt Deutsch
889.	Greek, Modern.	891.89	Polabian.
891.47	Gujerati.	891.85	Polish.
892.4	Hebrew.	869.	Portuguese.
892.9	Himyaritic.	891.2	Prakrit.



849.	Provençal.	891.82	Servian.
891.91	Prussian, Old.	891.41	Sindhi.
891.58	Pushtu.	891.48	Singhalese.
859.9	Rhaeto-Romansch.	891.81	Slavonic, Church.
889.	Romaic.	891.87	Slovakian.
859.	Roumanian.	891.84	Slovenian.
859.9	Rumansh.	891.88	Sorbian.
891.7	Russian.	86	Spanish.
891.79	Ruthenian.	839.7	Swedish.
892.5	Samaritan.	892.3	Syriac.
891.2	Sanskrit.	891.45	Uriya.
839.2	Saxon, Old.	859.	Wallachian.
839.5	Scandinavian languages.	891.66	Welsh.
891.63	Scotch or Gaelic.	891.52	Zend.

### Biscoe time and Olin biography book numbers

**Biscoe time numbers** This scheme provides for arranging books by years from 1000 B C—2000 A D. Each number consists of a single initial letter followed by figures, and these again, if necessary, by letters. Any year of the 19th century, in which the greater proportion of our books belong, is designated by a letter and single figure. For the 3 preceding centuries a letter and 2 figures are needed, only incunabula and ancient writings requiring a letter and 3 figures. Few characters are wasted for the period when few books were written, as A, B, and C cover the years to 1499 A D.

To D, E, F, which stand for centuries, 2 figures must be added, the number for a book published in 1652 being E52; in 1507, D07.

B, covering the first 10 centuries and C, covering 5 centuries, must be followed by 3 figures; thus a book issued in 1472 would be numbered C472.

Table of Biscoe numbers

A	B. C.	J	1830-1839	S	1920-1929
B	A. D. 1-999	K	1840-1849	T	1930-1939
C	1000-1499	L	1850-1859	U	1940-1949
D	1500-1599	M	1860-1869	V	1950-1959
E	1600-1699	N	1870-1879	W	1960-1969
F	1700-1799	O	1880-1889	X	1970-1979
G	1800-1809	P	1890-1899	Y	1980-1989
H	1810-1819	Q	1900-1909	Z	1990-1999
I	1820-1829	R	1910-1919		

American books take their numbers from the last copyright date; English and other foreign books, from date of publication: e. g. Dana's *Text book of geology*, Phil. 1864, copyright '63 has as its booknumber M3; edition 2 of the same book published and copyrighted in 1874 is N4. Weller's *Portable atlas of physical geography*, London 1873, is N3.

A series or set takes its number from the first volume, even tho that may be lacking in the library set; e. g. *Popular science monthly*, v. 10-20, is M2, the date of v. 1 not of v. 10. When more than one volume in the same class calls for the same number, these numbers are differentiated by adding lower case letters; e. g. Bradbury & Emery's *Academic algebra*, Sensenig's *Numbers universalized*, and Wells's *Short course in higher algebra* all published in 1889 call for O9. Supposing them to come into the library in the above order, Bradbury would be O9; Wells O9a; Sensenig, O9b. In a closely classed library additions to final subdivisions are seldom more than one a year. In the exceptional cases, use of a letter allows for 26 additions; the numbers are therefore neither long nor complicated.

If in doubt, an approximate date may be used and corrected later when full information is acquired. Hunting down obscure dates consumes a

great deal of time and in the average library is not worth what it costs. L alone would mean a book published somewhere in the '50s of the present century, and F9 one of the last decade of the 18th (F09 being the mark for 1709). This occasional uncertainty is analogous to the case of anonymous and pseudonymous books in an author arrangement.

Dates-B. C. may be treated in any one of the 3 ways suggested below. If numbers are given from date of writing or first publication there will be a few A books; but if from date of printing or copyright, none at all. Of the 3 ways below of treating dates B. C. the first is best:

1 Subtract the decade B. C. from 99 and use the resulting number, thus securing correct order with a shorter number than in 2. This approximate date is close enough, since exact year of writing is difficult to determine and the number of books in any subject in a single decade small.

Alternatives are:

2 Subtract the date B. C. from 1000 and use the resulting number, which will secure proper sequence.

3 Use actual B. C. date, since among so few books no great confusion would result from thus inverting the regular order.

Resulting numbers would then be:

Year B. C.	Complementary decade (1)	Complementary year (2)	Actual date (3)
999	Correct order A00	A001	Inverted order A999
563	A43	A437	A563
73	A92	A927	A73
45	A95	A955	A45

**Olin book numbers** The best means of separating collective from individual biography is Olin book numbers. They are used exactly like Cutter author numbers; but as they translate all surnames of compilers into A followed immediately by figures, they precede the first Cutter number, Aa1 and thus automatically shelf biographic compilations before the cuttered individual lives; e. g. Strickland's *Queens of England* would be A84 (Olin number) and stand before a life of Queen Anne, An7 (Cutter number) whether classed 920 or 923.1.

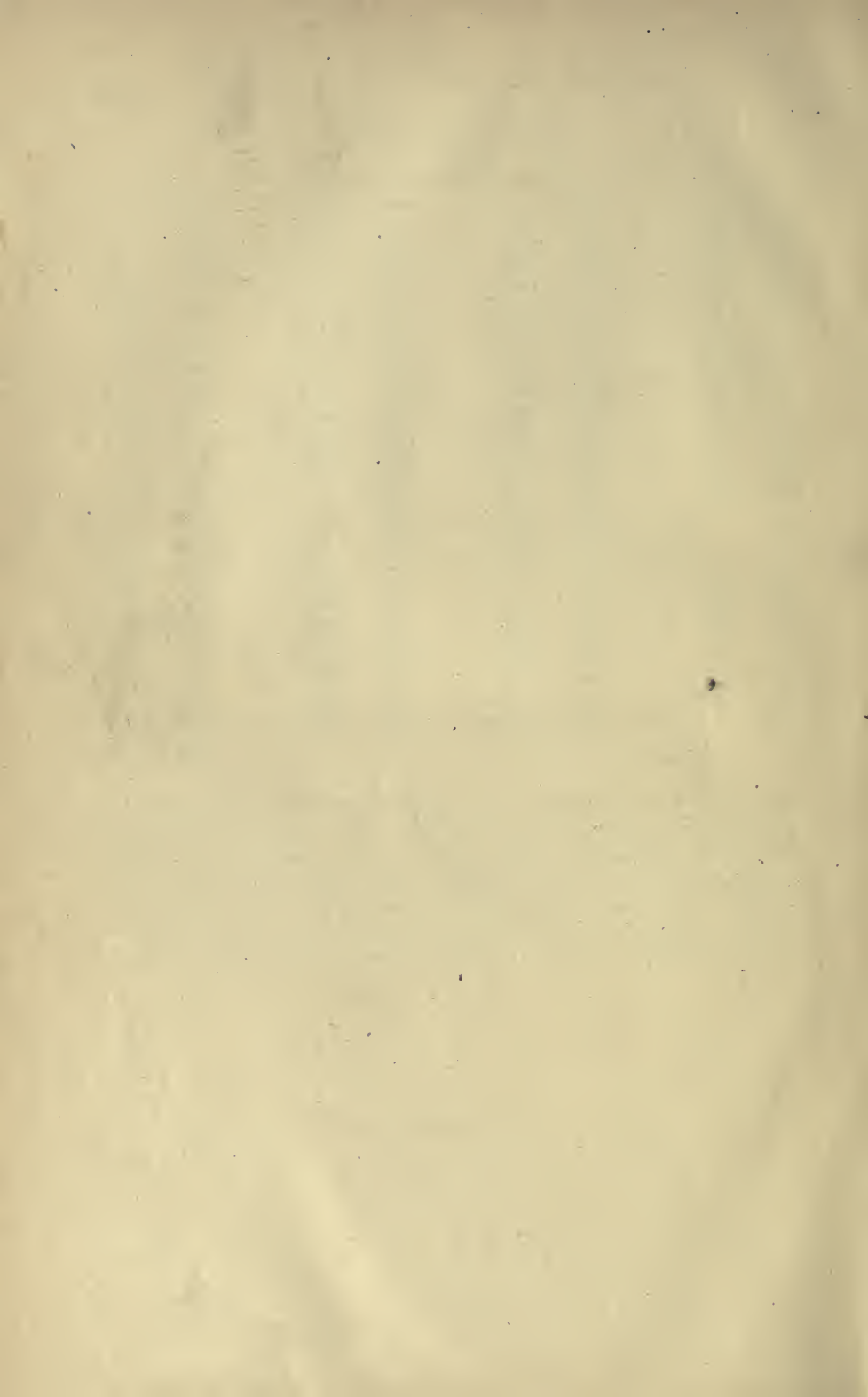
## Table of Olin numbers

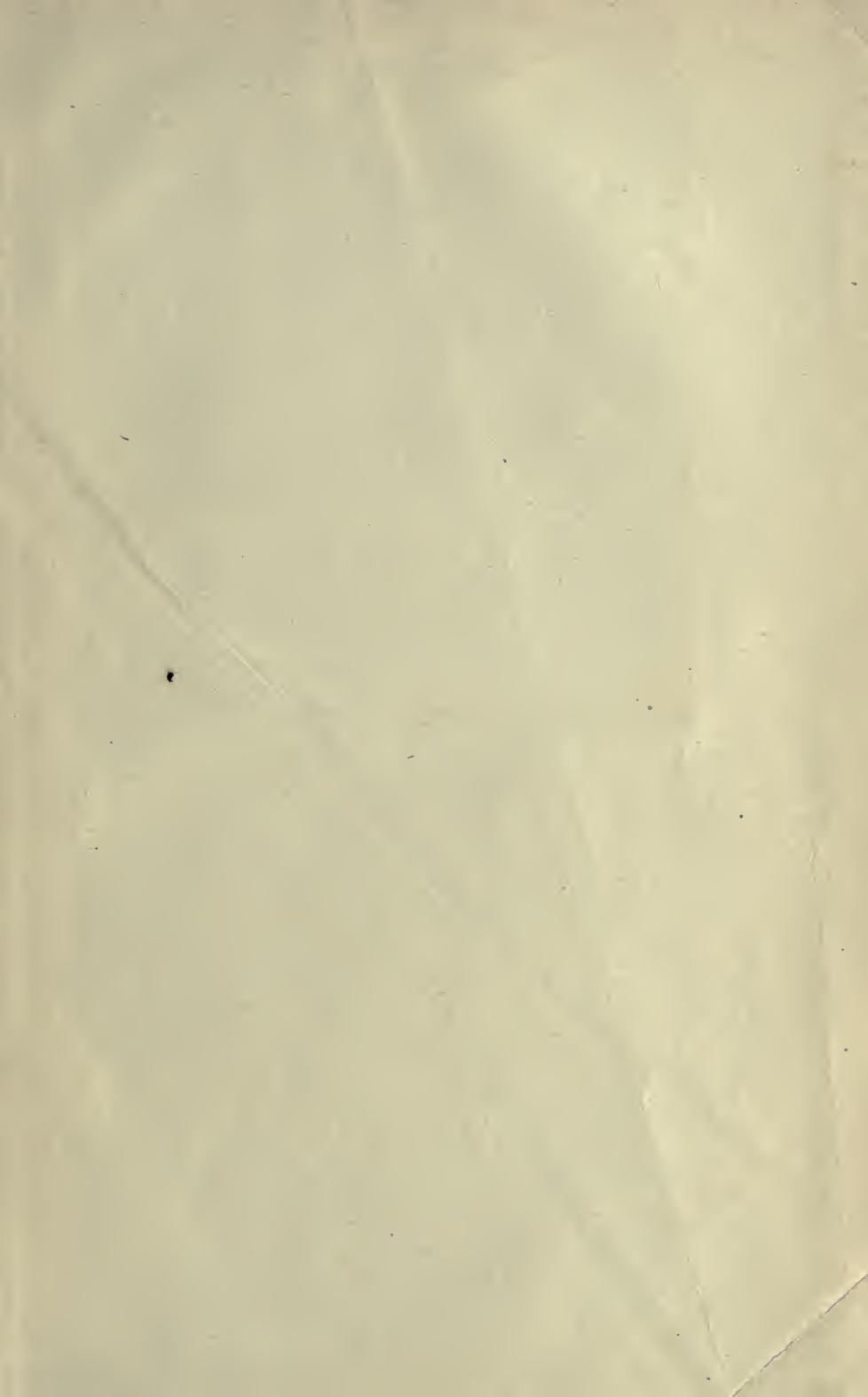
From *Library journal* 18:144

Name	Number	Name	Number	Name	Number	Name	Number
A	A11	Forr	A34	Lod	A56	Sch	A7 <sup>8</sup>
Ba	A12	Ga	A35	Ma	A57	Scr	A79
Bel	A13	Ges	A36	McT	A58	Sea	A81
Boy	A14	Goe	A37	Mat	A59	Sia	A82
Ca	A15	Grat	A38	Merr	A61	Sma	A83
Caro	A16	Ha	A39	Mo	A62	Squa	A84
Cel	A17	Hat	A41	Mos	A63	Sva	A85
Chim	A18	Hesi	A42	Na	A64	Ta	A86
Clar	A19	Hiu	A43	Nee	A65	Thau	A87
Coh	A21	Hov	A44	O	A66	To	A88
Coom	A22	I	A45	Pa	A67	Trum	A89
Cs	A23	Ja	A46	Per	A68	U	A91
Da	A24	Ji	A47	Ple	A69	V	A92
Day	A25	Ka	A48	Q	A71	Wa	A93
Dick	A26	Keno	A49	Ra	A72	Wats	A94
Doy	A27	Klu	A51	Rem	A73	Wha	A95
Ea	A28	La	A52	Rim	A74	Wit	A96
En	A29	Lann	A53	Rol	A75	X	A97
Fa	A31	Le	A54	Ru	A76	Y	A98
Fel	A32	Lind	A55	Sa	A77	Z	A99
Fit	A33						

If Cutter-Sanborn tables (in which vowels like consonants are followed by figures) are used, mark collected biography with A followed by a shortened Cutter-Sanborn number for author or compiler, writing the initial letter of the Cutter-Sanborn number with a lower case letter; e. g. Strickland's *Lives of the queens of England*, the Cutter-Sanborn number for Strickland being S917, would be marked As9 or Johnston's *Leading American soldiers*, the number for Johnston being J73, would be Aj7







THIS BOOK IS DUE ON THE LAST DATE  
STAMPED BELOW

**AN INITIAL FINE OF 25 CENTS**

WILL BE ASSESSED FOR FAILURE TO RETURN  
THIS BOOK ON THE DATE DUE. THE PENALTY  
WILL INCREASE TO 50 CENTS ON THE FOURTH  
DAY AND TO \$1.00 ON THE SEVENTH DAY  
OVERDUE.


NOV 29 1945

AUG - 1 1968

LD 21-100m-7,'39 (402s)



YD 2407

U.C. BERKELEY LIBRARIES  
  
C030826073

418533  
*Zeph*  
*1910*  
UNIVERSITY OF CALIFORNIA LIBRARY

